

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009521.D
 Acq On : 23 Mar 2022 23:41
 Operator : CG/JU
 Sample : N2031-12 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B2-031822-0-2

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 01:23:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	423016	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1543397	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	851163	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1769550	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1869649	20.000	ng	0.00
86) Perylene-d12	23.721	264	2045183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	681783	28.140	ng	0.00
7) Phenol-d6	6.975	99	815864	24.900	ng	0.00
23) Nitrobenzene-d5	8.946	82	504518	17.371	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	284411	20.249	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1122882	18.288	ng	0.00
79) Terphenyl-d14	19.769	244	1726353	16.573	ng	-0.01
Target Compounds						
						Qvalue
78) Pyrene	19.569	202	412829	3.351	ng	96
81) Benzo(a)anthracene	21.298	228	251794	2.050	ng	# 67
83) Chrysene	21.345	228	490689	4.219	ng	# 83
88) Benzo(b)fluoranthene	22.986	252	260002m	2.130	ng	
90) Benzo(a)pyrene	23.610	252	279571	2.676	ng	# 79

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

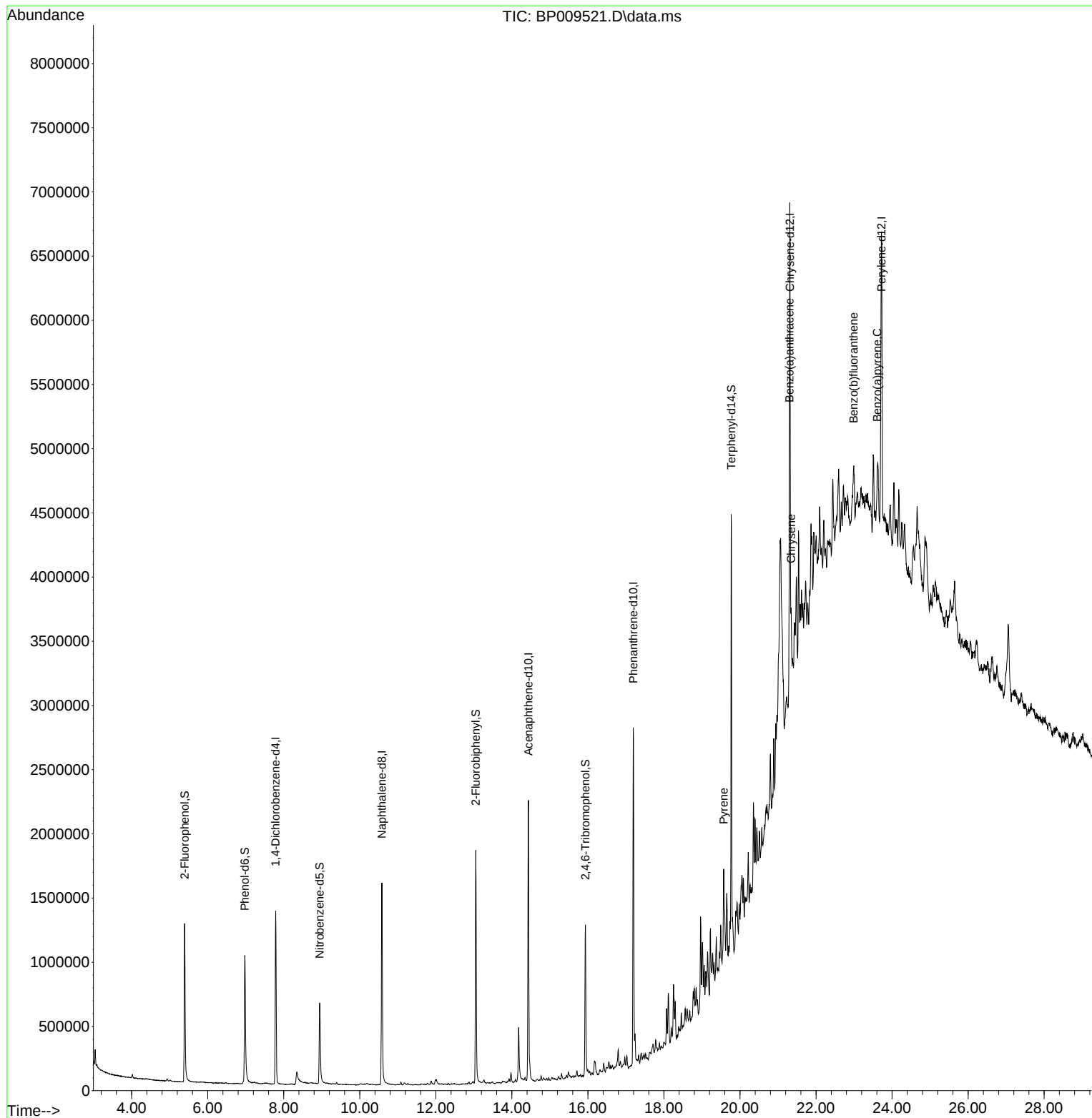
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009521.D
Acq On : 23 Mar 2022 23:41
Operator : CG/JU
Sample : N2031-12 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

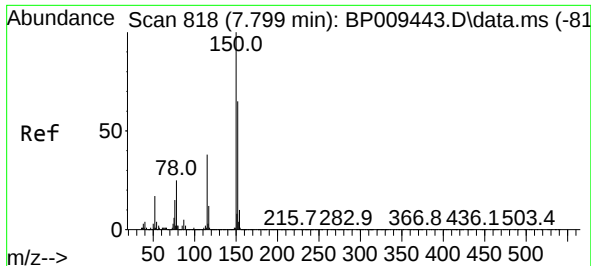
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

Quant Time: Mar 24 01:23:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 01:19:11 2022
Response via : Initial Calibration

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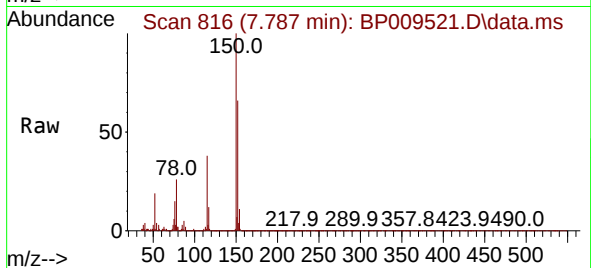
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

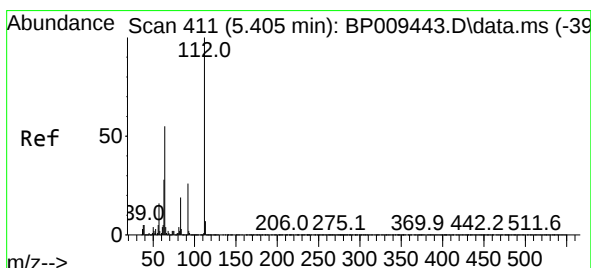
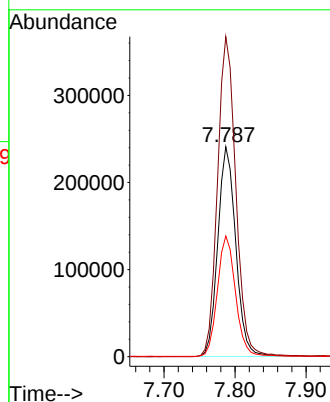
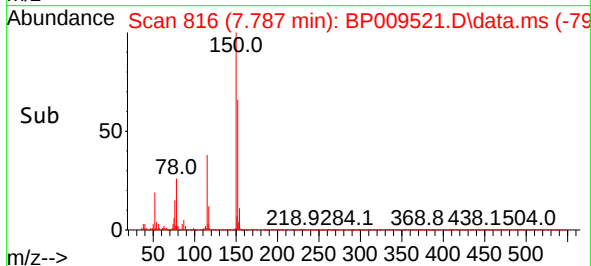
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2



Tgt Ion:152 Resp: 423010
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 57.4 48.2 72.4

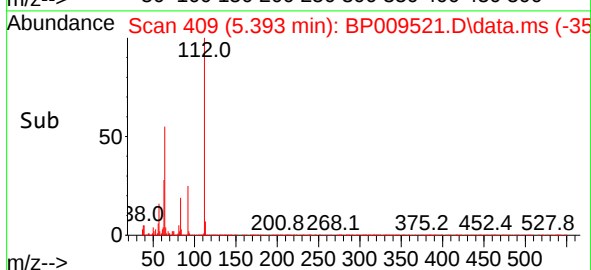
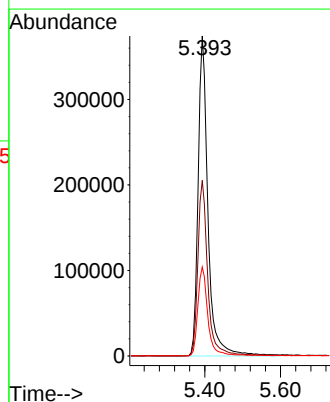
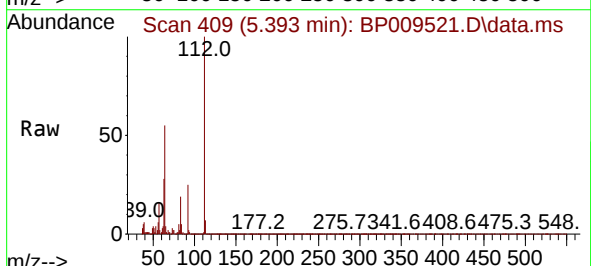
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#5
2-Fluorophenol
Concen: 28.140 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

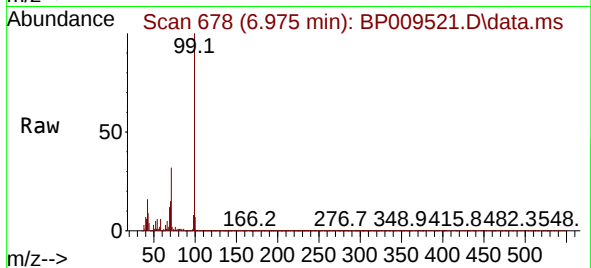
Tgt Ion:112 Resp: 681783
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 27.8 23.0 34.6





#7
Phenol-d6
Concen: 24.900 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

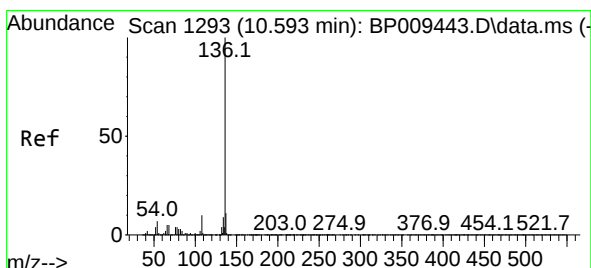
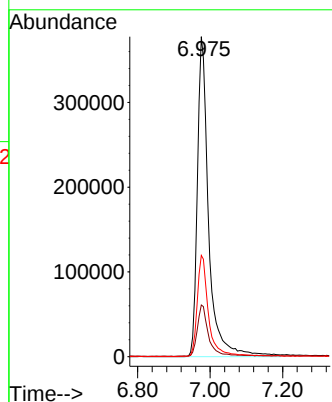
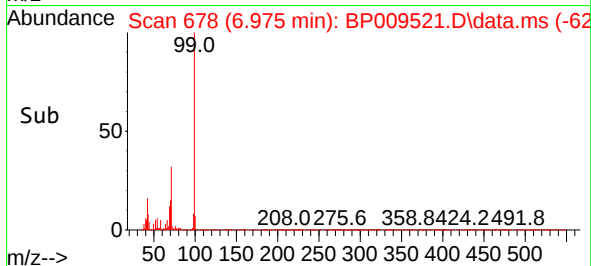
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2



Tgt Ion: 99 Resp: 815864
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 31.6 26.3 39.5

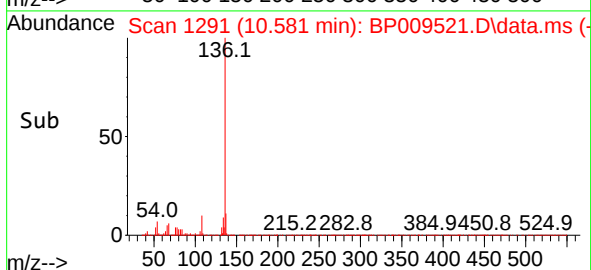
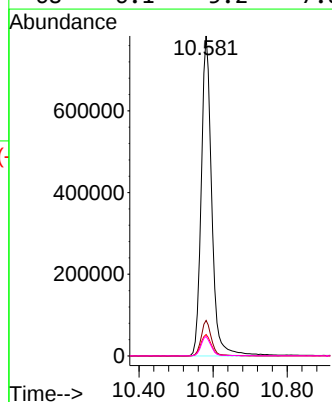
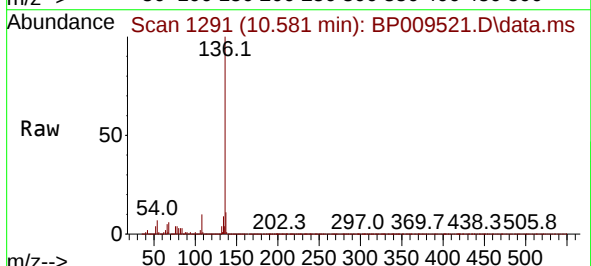
Manual Integrations
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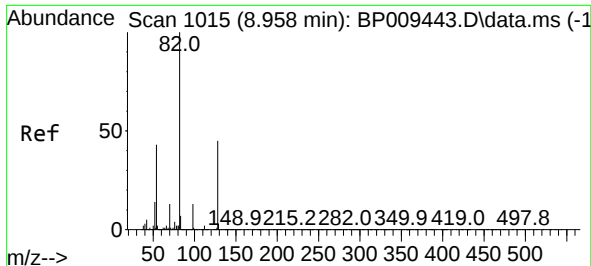
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:136 Resp: 1543397
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 17.371 ng

RT: 8.946 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

Tgt Ion: 82 Resp: 504518

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.4

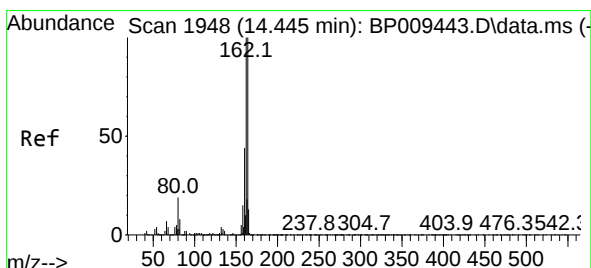
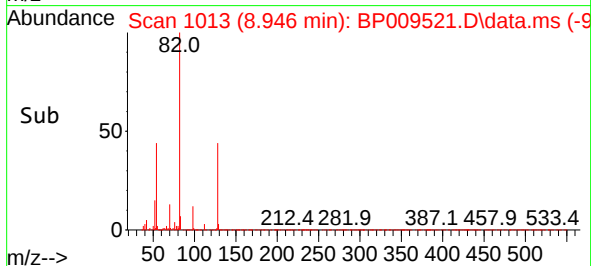
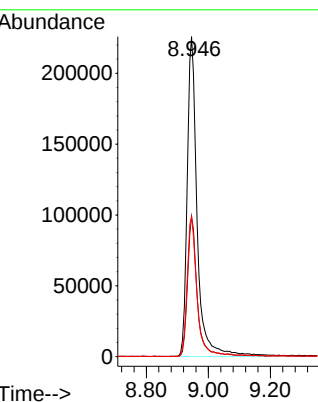
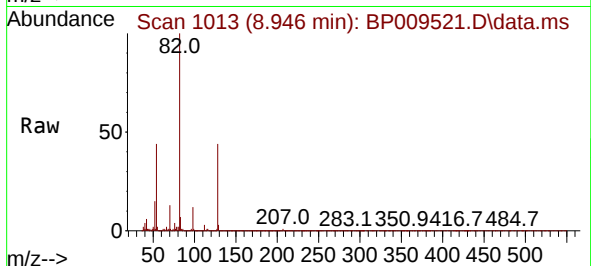
54 43.7 34.7 52.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.434 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

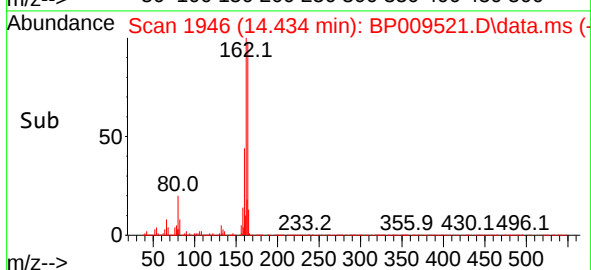
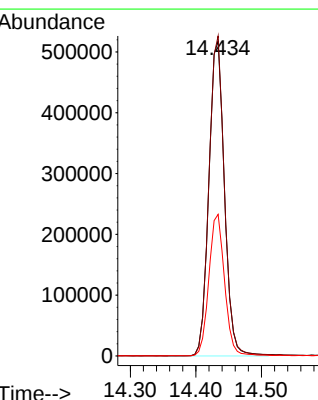
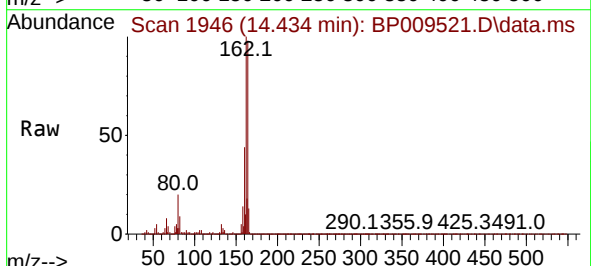
Tgt Ion:164 Resp: 851163

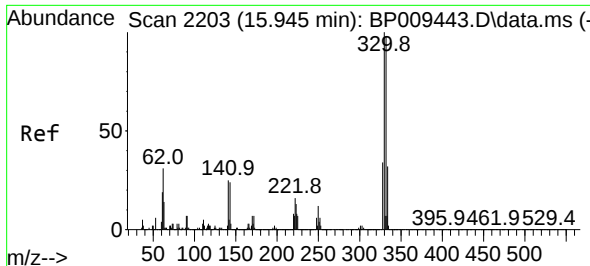
Ion Ratio Lower Upper

164 100

162 101.6 79.1 118.7

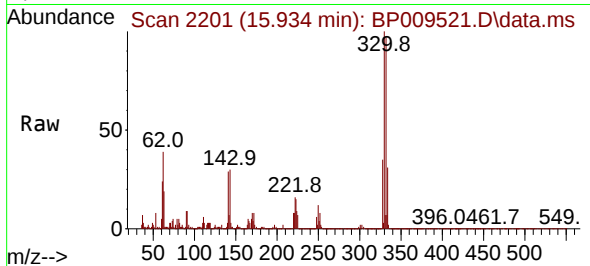
160 45.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 20.249 ng
RT: 15.934 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

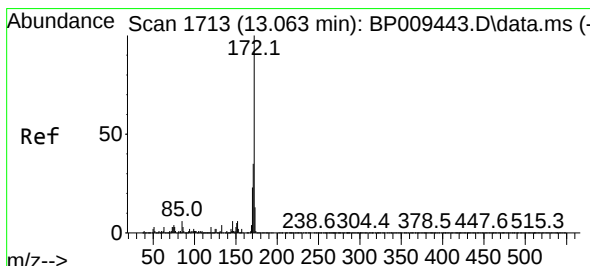
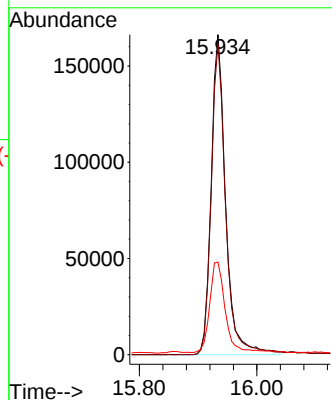
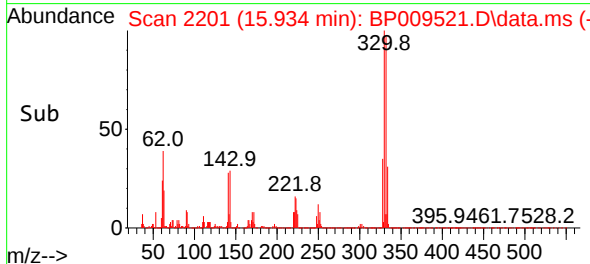
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2



Tgt Ion:330 Resp: 28441
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 31.4 27.6 41.4

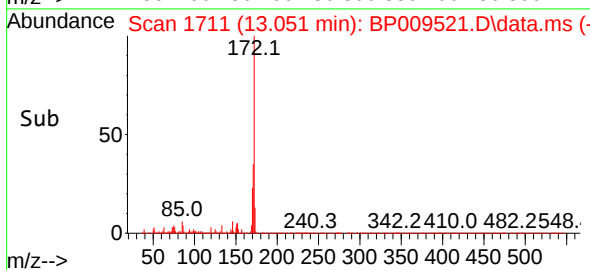
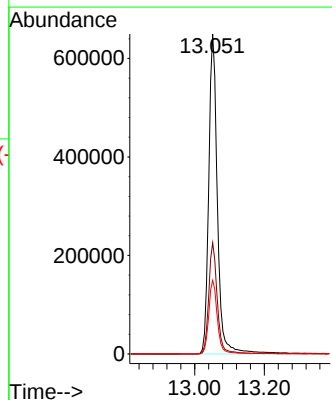
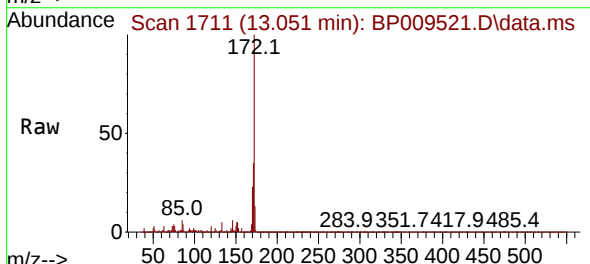
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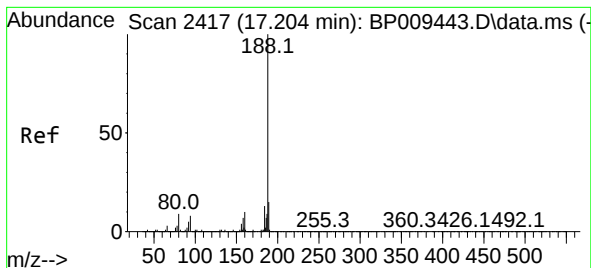
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#45
2-Fluorobiphenyl
Concen: 18.288 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:172 Resp: 1122882
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

Tgt Ion:188 Resp: 1769550

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

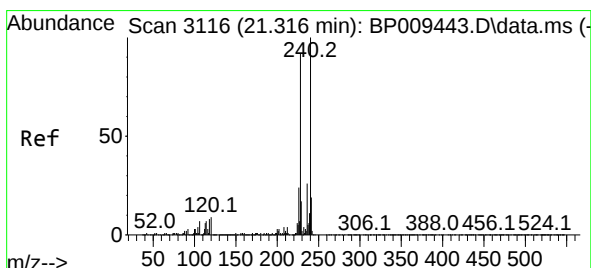
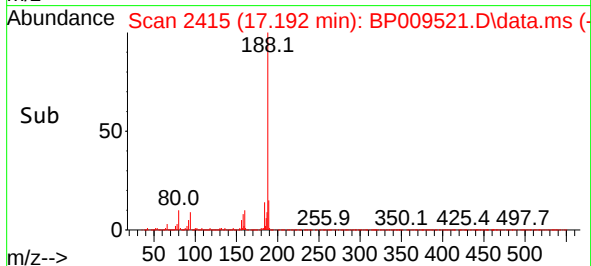
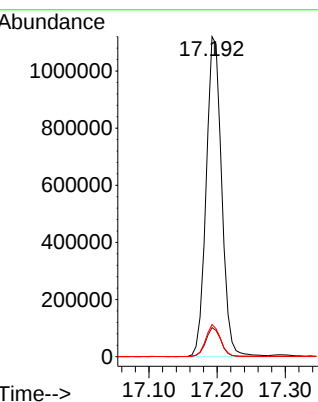
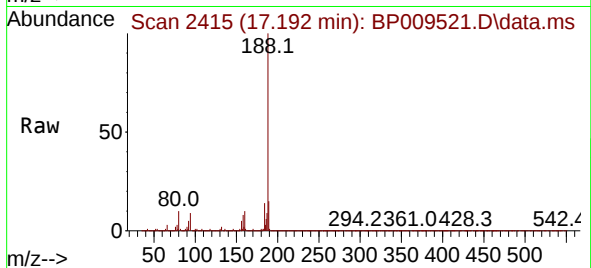
80 10.1 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/24/2022

Supervised By :Jagrut Upadhyay 03/24/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

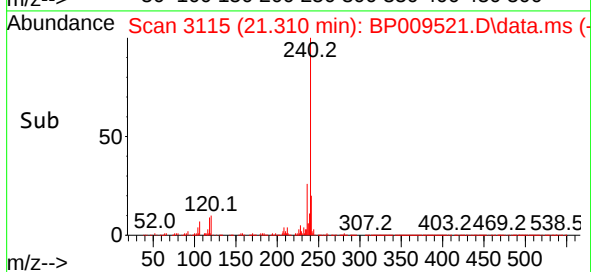
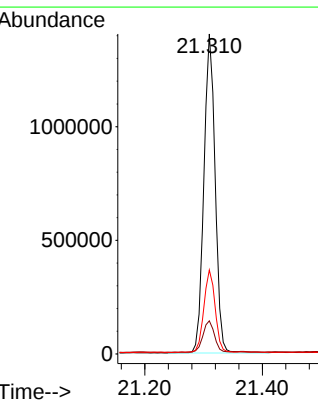
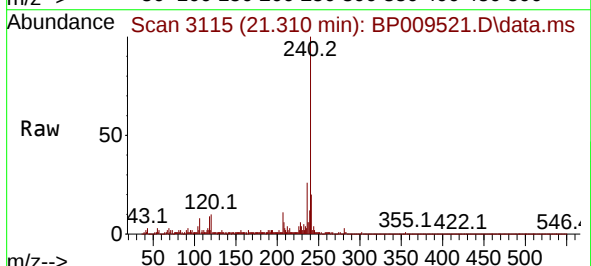
Tgt Ion:240 Resp: 1869649

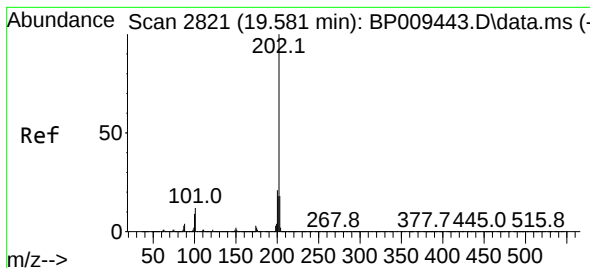
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.2 20.6 30.8





#78

Pyrene

Concen: 3.351 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

Tgt Ion: 202 Resp: 412829

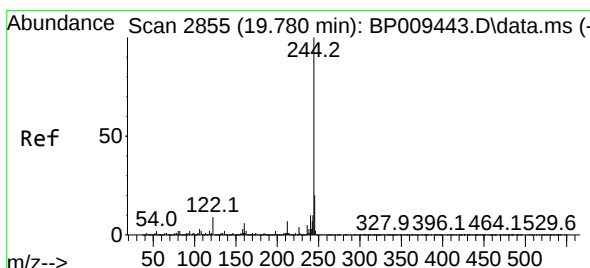
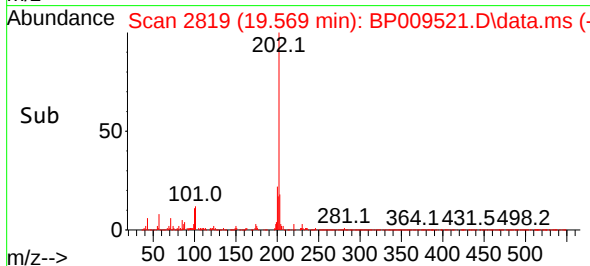
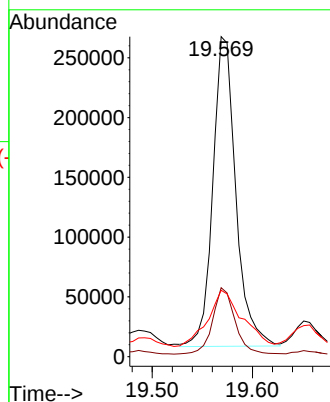
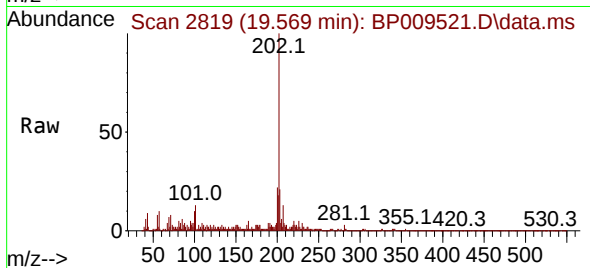
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	20.7	14.2	21.4

Manual Integrations

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#79

Terphenyl-d14

Concen: 16.573 ng

RT: 19.769 min Scan# 2853

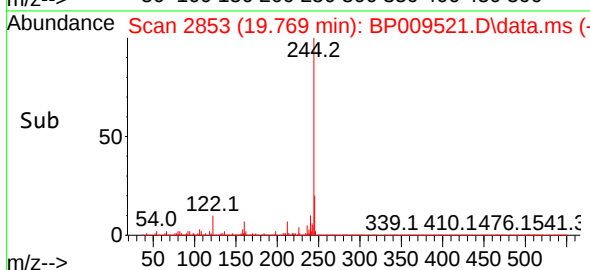
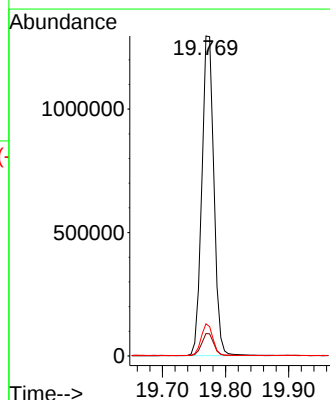
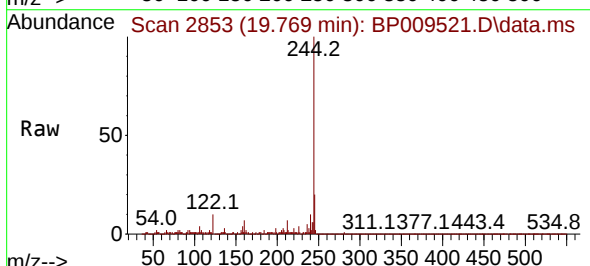
Delta R.T. -0.011 min

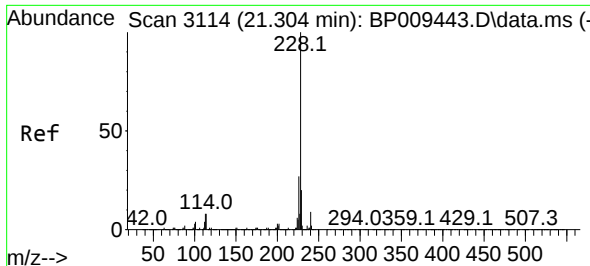
Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Tgt Ion: 244 Resp: 1726353

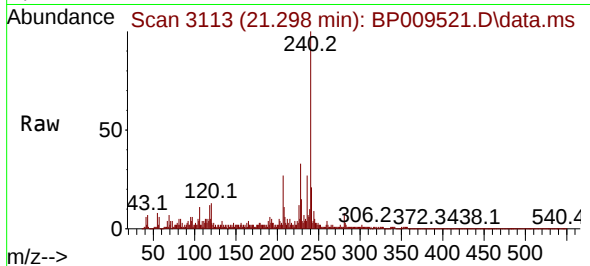
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.1	8.3	12.5





#81
Benzo(a)anthracene
Concen: 2.050 ng
RT: 21.298 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

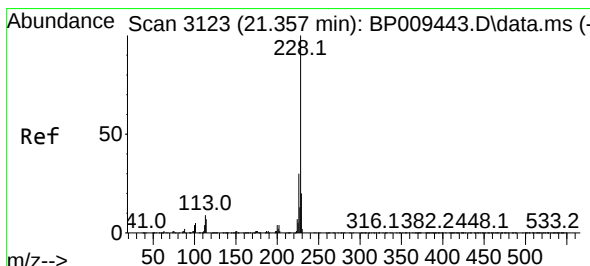
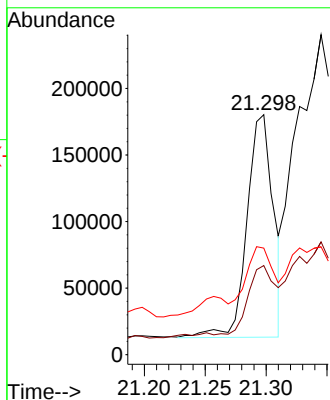
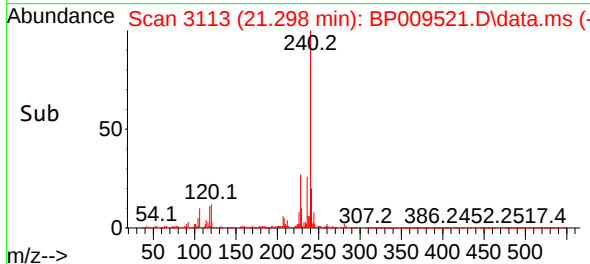
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2



Tgt Ion:228 Resp: 251794
Ion Ratio Lower Upper
228 100
226 37.1 22.0 33.0
229 44.4 16.1 24.1

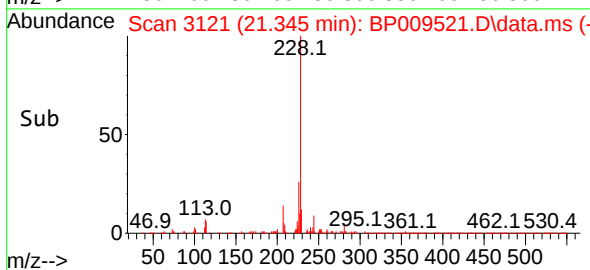
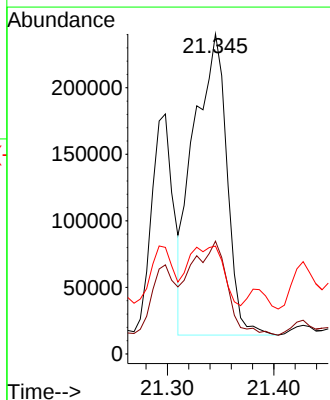
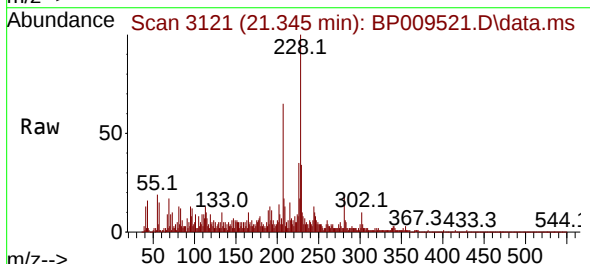
Manual Integrations
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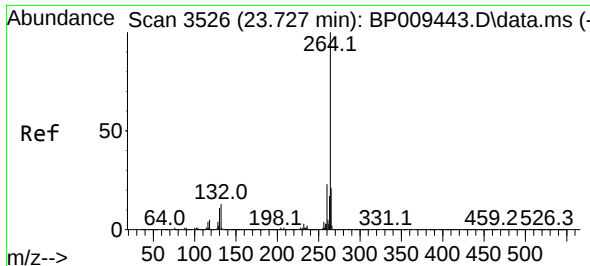
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#83
Chrysene
Concen: 4.219 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

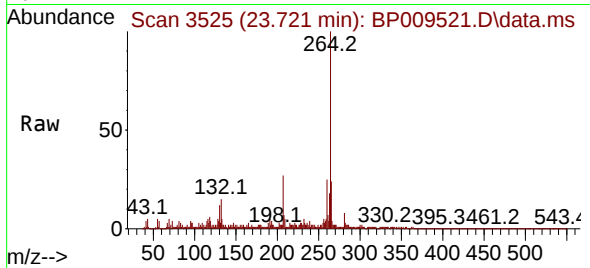
Tgt Ion:228 Resp: 490689
Ion Ratio Lower Upper
228 100
226 35.2 24.2 36.2
229 33.7 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

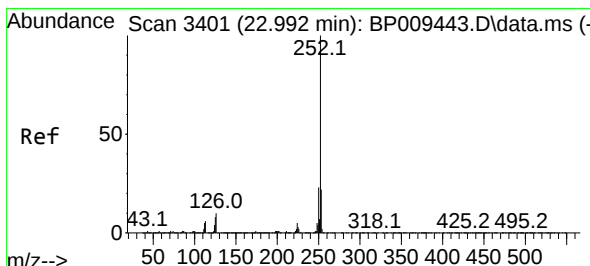
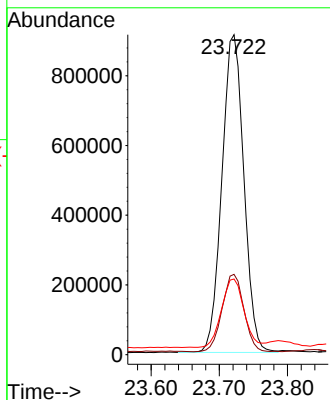
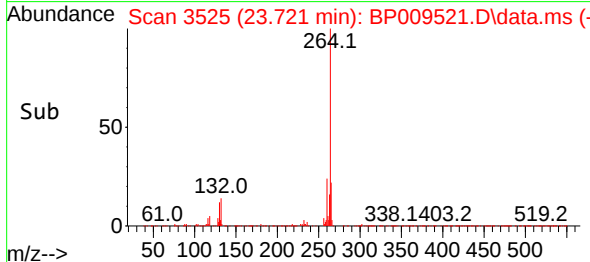
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2



Tgt Ion:264 Resp: 204518
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.0
265 23.7 17.2 25.8

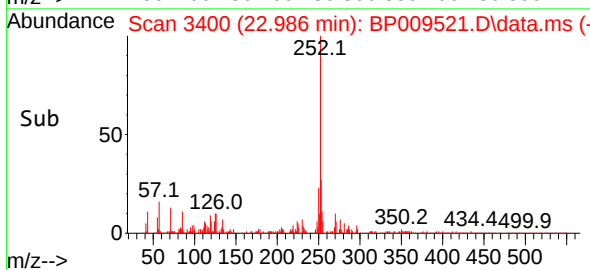
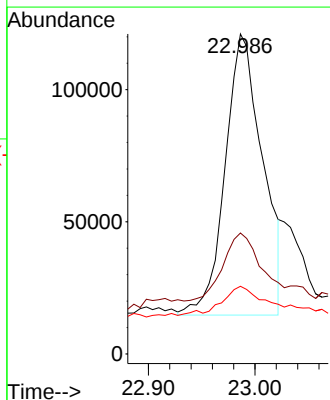
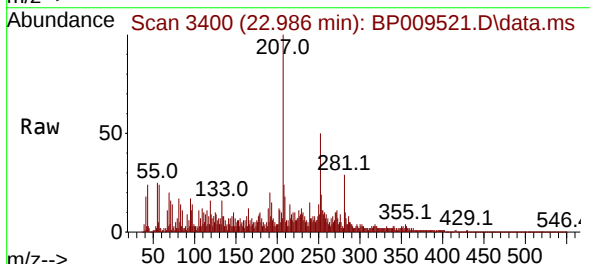
Manual Integrations
APPROVED

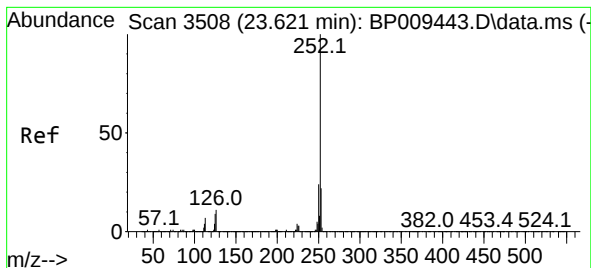
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#88
Benzo(b)fluoranthene
Concen: 2.130 ng m
RT: 22.986 min Scan# 3400
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:252 Resp: 260002
Ion Ratio Lower Upper
252 100
253 37.8 17.8 26.8#
125 21.1 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 2.676 ng

RT: 23.610 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BP009521.D

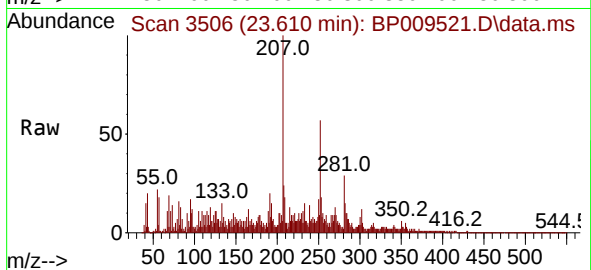
Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2



Tgt Ion:252 Resp: 27957

Ion Ratio Lower Upper

252 100

253 32.4 17.8 26.6

125 19.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/24/2022

Supervised By :Jagrut Upadhyay 03/24/2022

