

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025324.D
 Acq On : 07 Aug 2025 21:59
 Operator : CG/JU
 Sample : Q2786-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-08062025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/08/2025
 Supervised By :Jagrut Upadhyay 08/11/2025

Quant Time: Aug 08 01:06:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	274413	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	1143203	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	698721	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1313257	20.000	ng	0.00
76) Chrysene-d12	21.665	240	1228282	20.000	ng	0.00
86) Perylene-d12	25.059	264	1403426	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	124371	7.290	ng	0.00
7) Phenol-d6	6.966	99	158292	7.049	ng	0.00
23) Nitrobenzene-d5	8.942	82	96663	4.684	ng	0.00
42) 2,4,6-Tribromophenol	15.930	330	51010	7.318	ng	0.00
45) 2-Fluorobiphenyl	13.036	172	233548	4.617	ng	0.00
79) Terphenyl-d14	19.936	244	317183	4.877	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.266	178	203894	2.835	ng	96
75) Fluoranthene	19.342	202	409677	4.920	ng	99
78) Pyrene	19.718	202	404225	4.949	ng	99
81) Benzo(a)anthracene	21.648	228	246314m	3.018	ng	
83) Chrysene	21.712	228	232071m	3.065	ng	
88) Benzo(b)fluoranthene	23.965	252	336688	4.008	ng	# 93
90) Benzo(a)pyrene	24.865	252	254798	3.149	ng	# 88

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

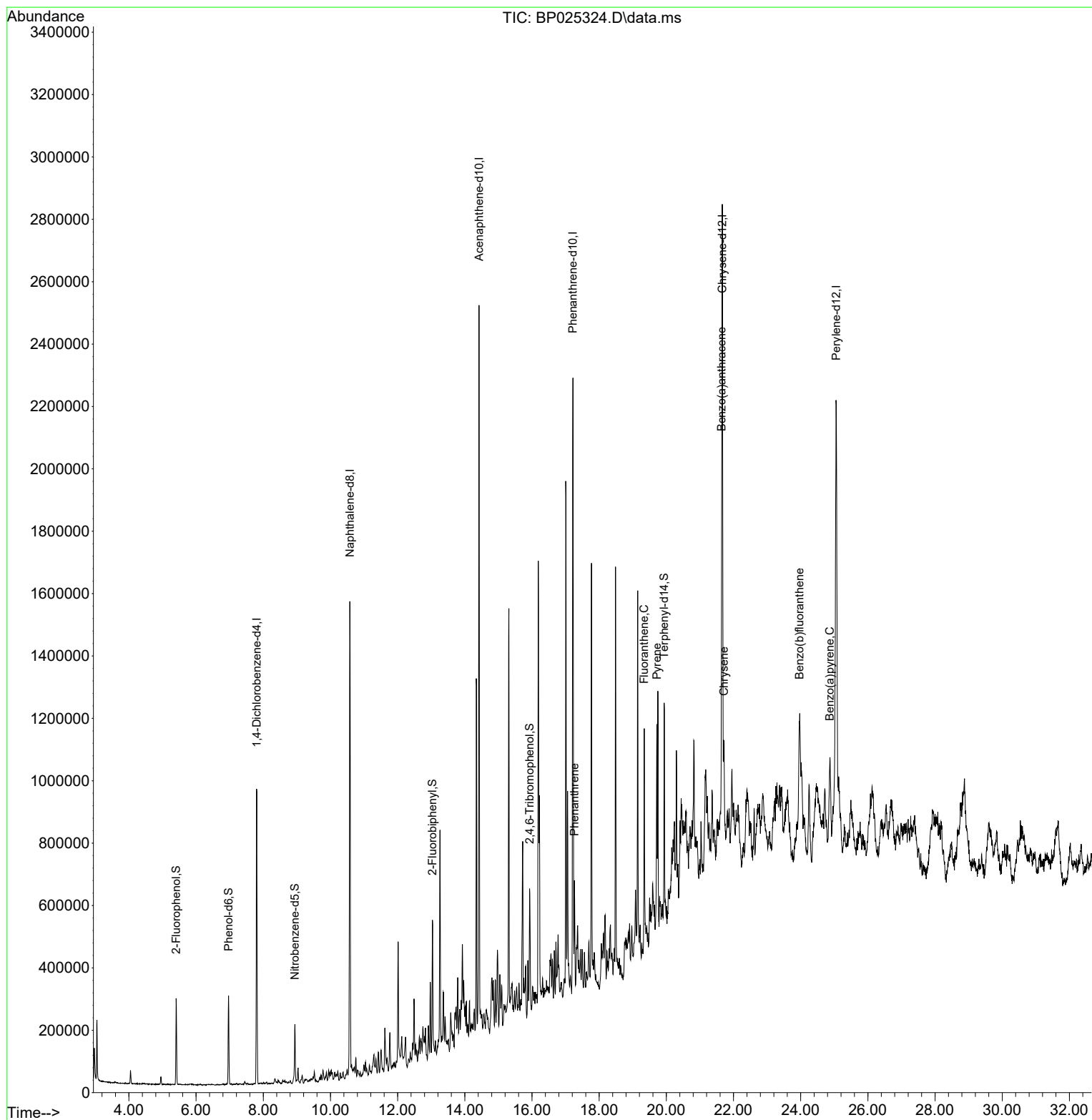
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025324.D
Acq On : 07 Aug 2025 21:59
Operator : CG/JU
Sample : Q2786-01 10X
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ALS Vial : 17 Sample Multiplier: 1

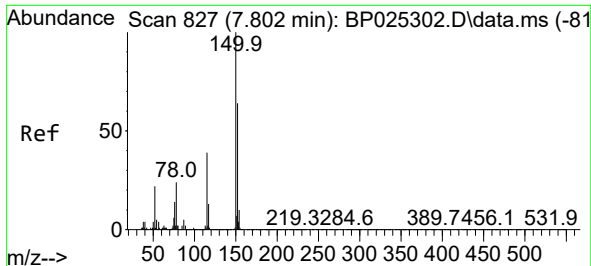
Instrument :
BNA_P
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PL-01-08062025

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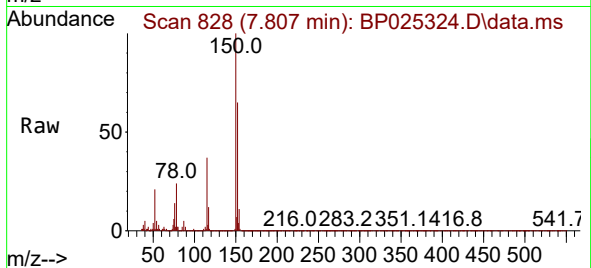
Quant Time: Aug 08 01:06:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

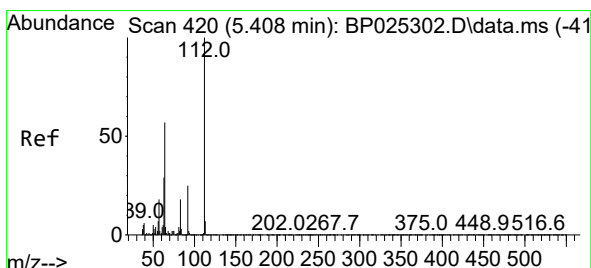
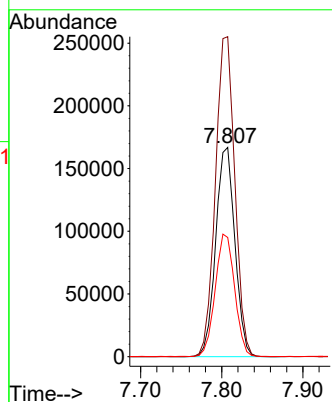
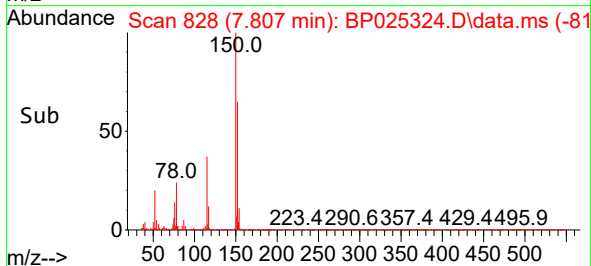
Instrument :
BNA_P
ClientSampleId :
PL-01-08062025



Tgt Ion:152 Resp: 27441
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 57.0 48.4 72.6

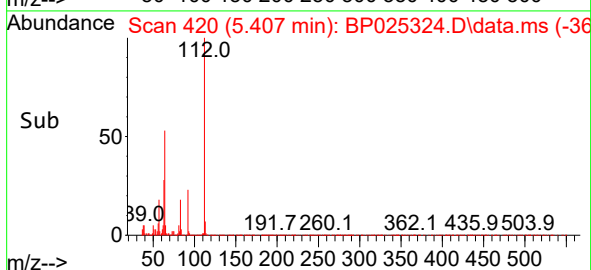
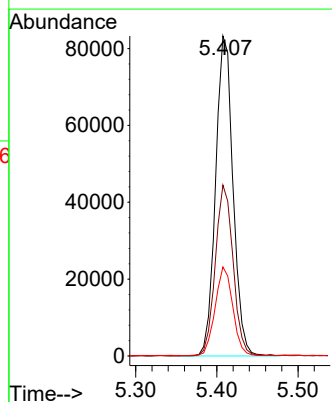
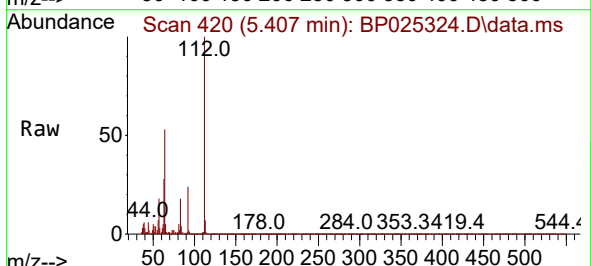
Manual Integrations
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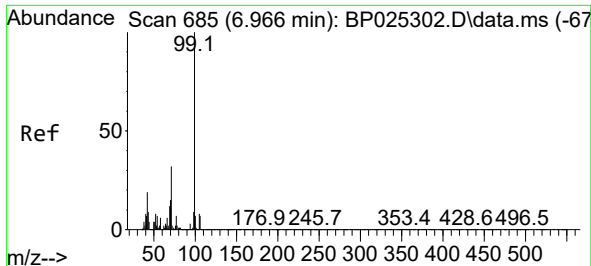
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#5
2-Fluorophenol
Concen: 7.290 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.001 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

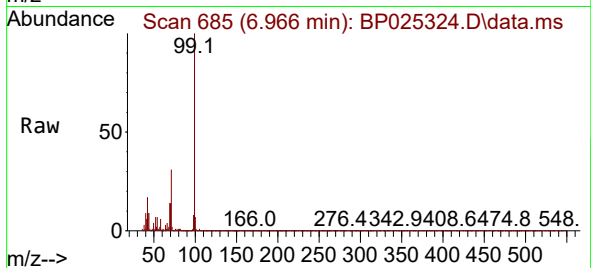
Tgt Ion:112 Resp: 124371
Ion Ratio Lower Upper
112 100
64 53.4 45.3 67.9
63 27.8 23.0 34.6





#7
Phenol-d6
Concen: 7.049 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

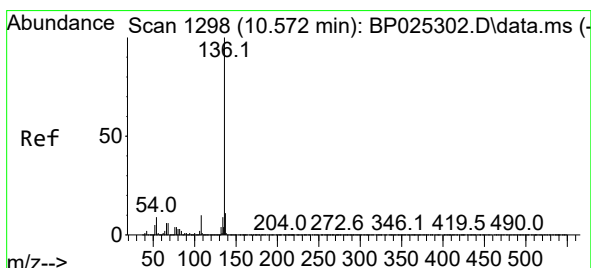
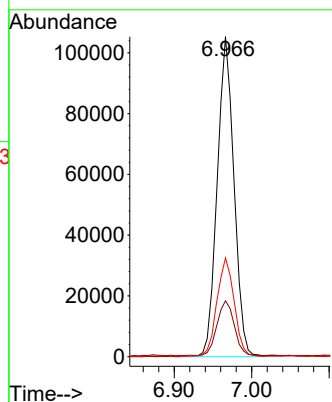
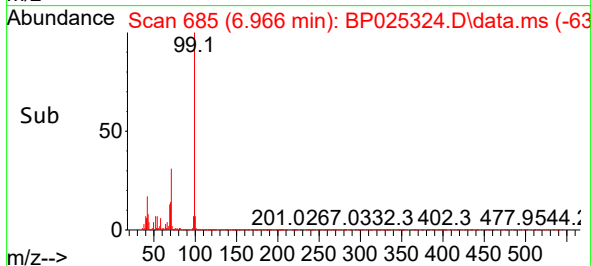
Instrument :
BNA_P
ClientSampleId :
PL-01-08062025



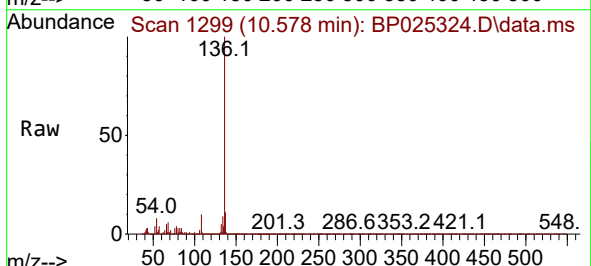
Tgt Ion: 99 Resp: 158292
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 30.9 25.5 38.3

Manual Integrations
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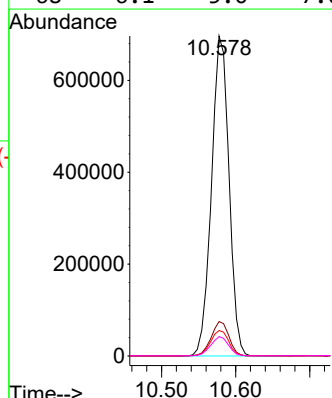
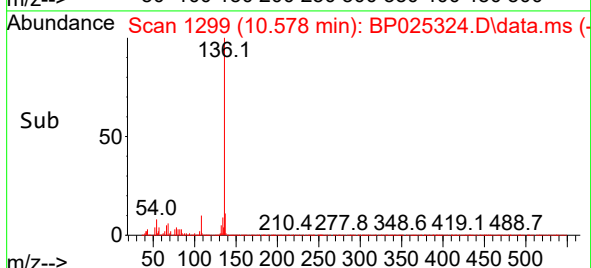
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025

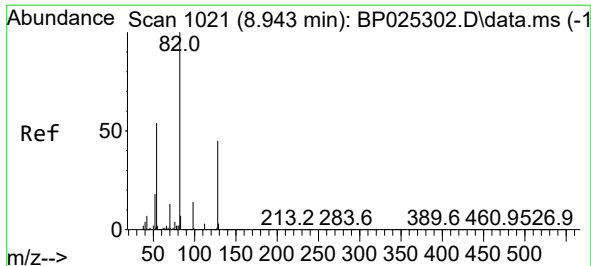


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59



Tgt Ion:136 Resp: 1143203
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 7.0 10.6
68 6.1 5.0 7.6





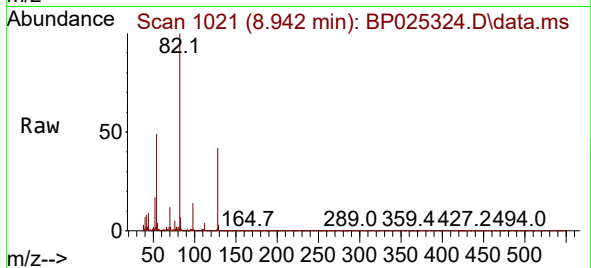
#23
Nitrobenzene-d5
Concen: 4.684 ng
RT: 8.942 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

Instrument :

BNA_P

ClientSampleId :

PL-01-08062025



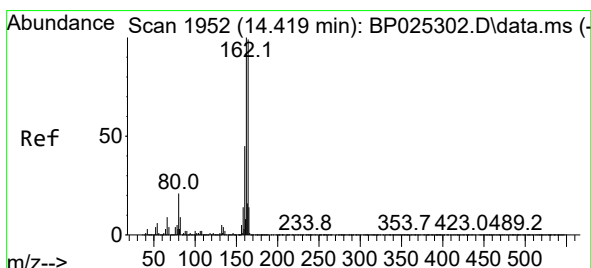
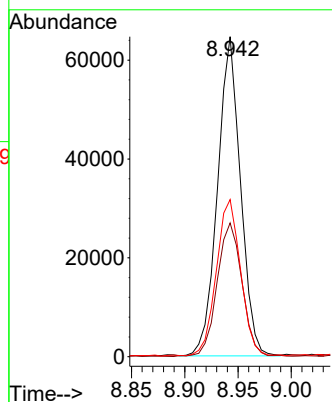
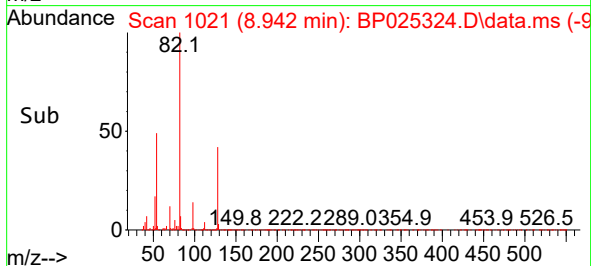
Tgt Ion: 82 Resp: 9666
Ion Ratio Lower Upper
82 100
128 41.8 35.4 53.2
54 49.1 42.9 64.3

Manual Integrations

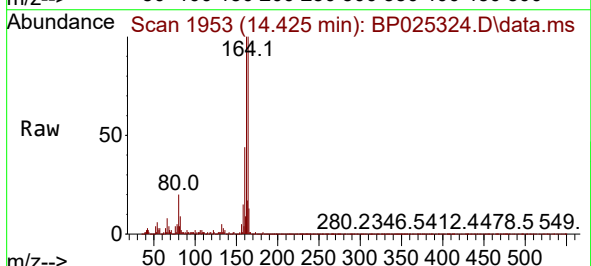
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Reviewed By :Rahul Chavli 08/08/2025

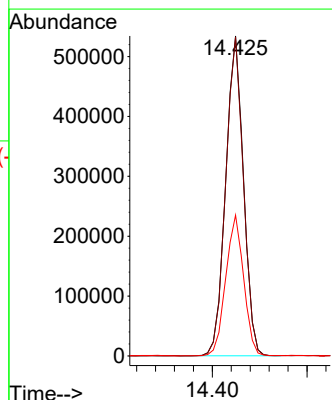
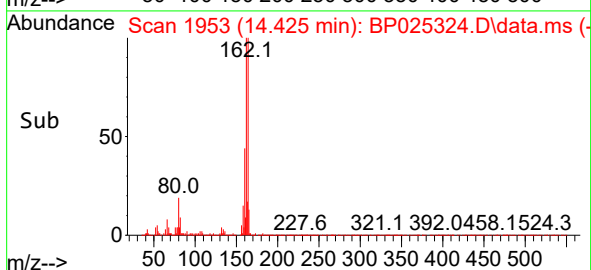
Supervised By :Jagrut Upadhyay 08/11/2025

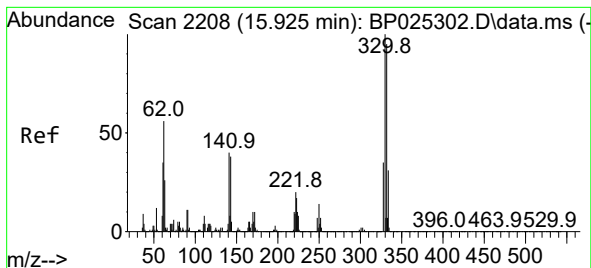


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59



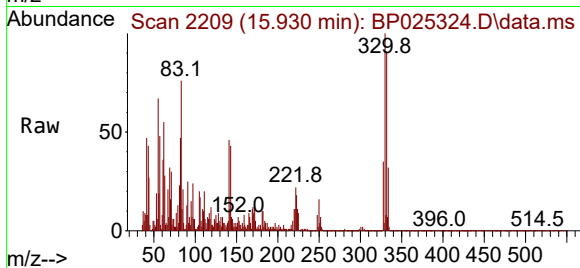
Tgt Ion:164 Resp: 698721
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.0 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 7.318 ng
RT: 15.930 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

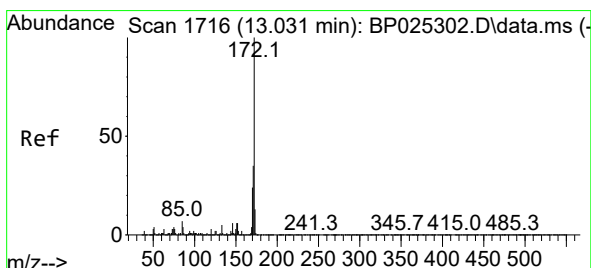
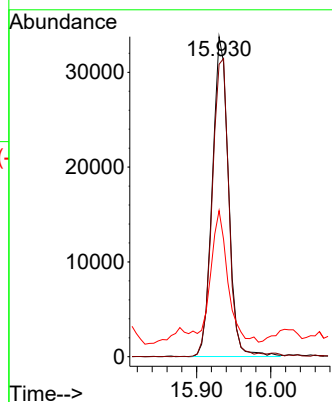
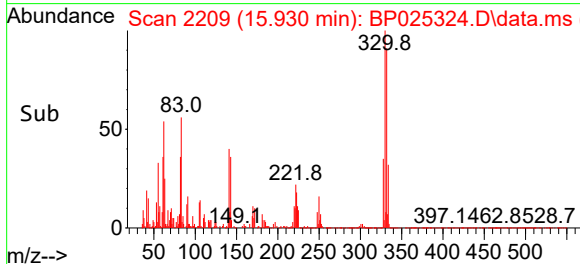
Instrument :
BNA_P
ClientSampleId :
PL-01-08062025



Tgt Ion:330 Resp: 51010
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 42.6 31.7 47.5

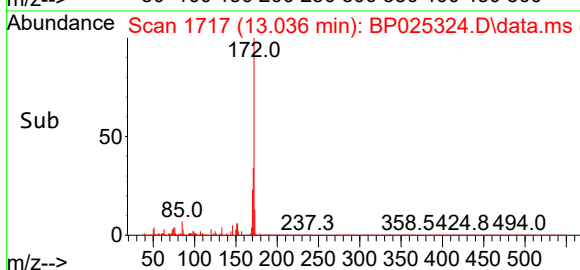
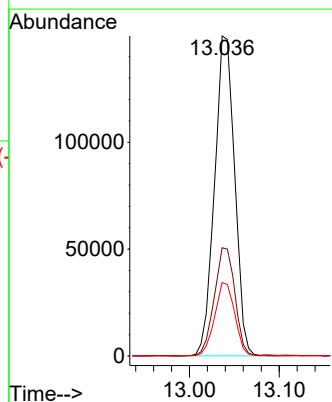
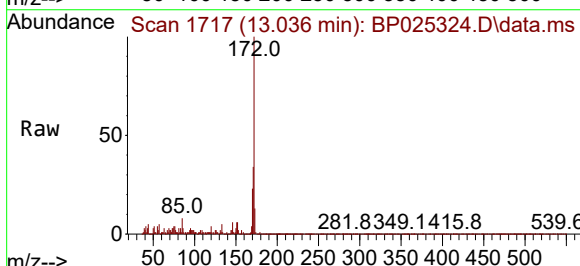
Manual Integrations
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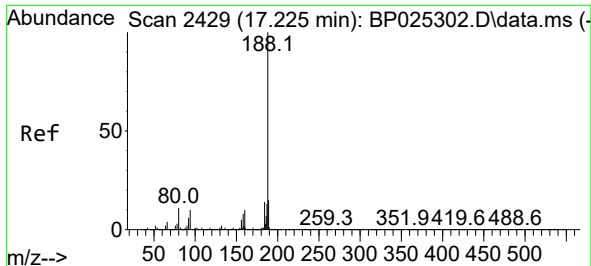
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#45
2-Fluorobiphenyl
Concen: 4.617 ng
RT: 13.036 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

Tgt Ion:172 Resp: 233548
Ion Ratio Lower Upper
172 100
171 33.8 27.9 41.9
170 22.9 18.9 28.3





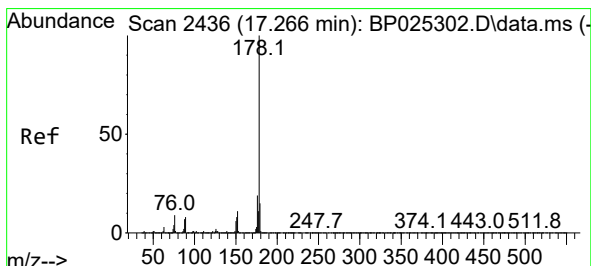
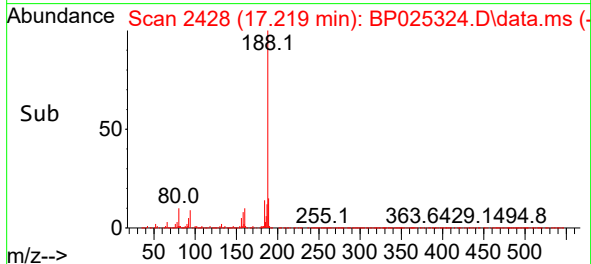
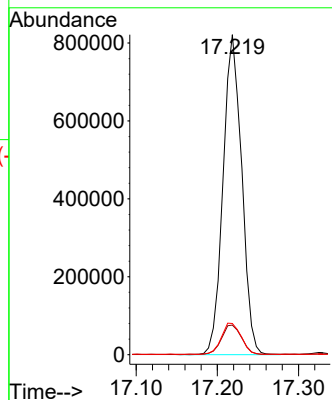
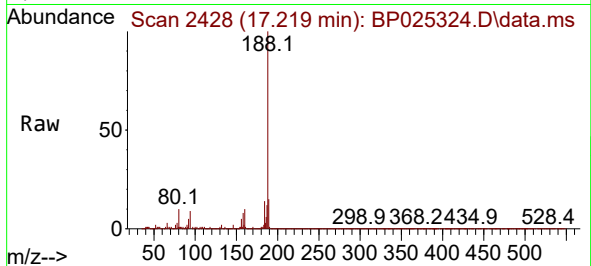
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

Instrument :
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PL-01-08062025

Tgt Ion:188 Resp: 131325
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 9.7 8.5 12.7

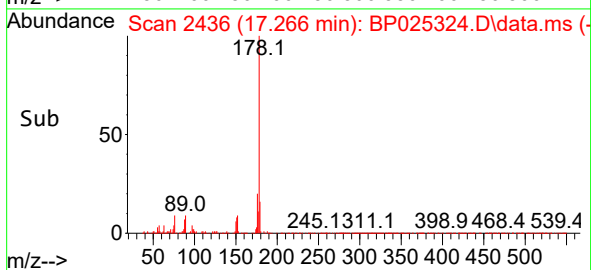
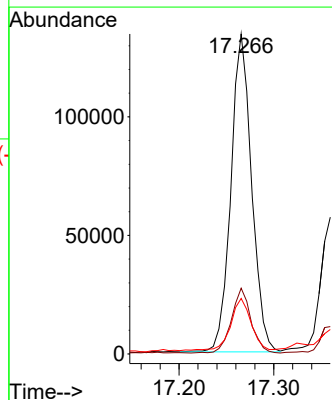
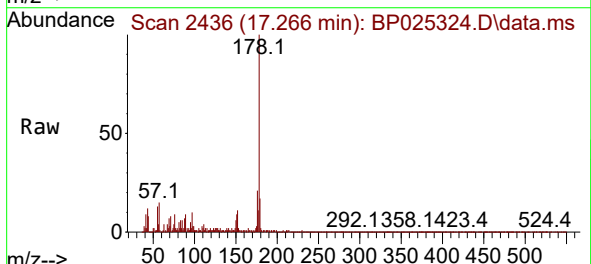
Manual Integrations
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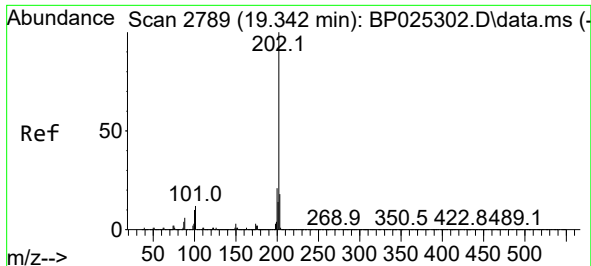
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#71
Phenanthrene
Concen: 2.835 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

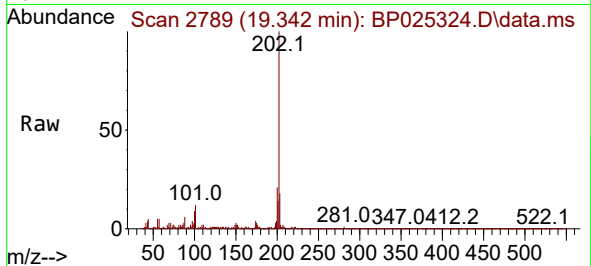
Tgt Ion:178 Resp: 203894
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 17.4 12.1 18.1





#75
Fluoranthene
Concen: 4.920 ng
RT: 19.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

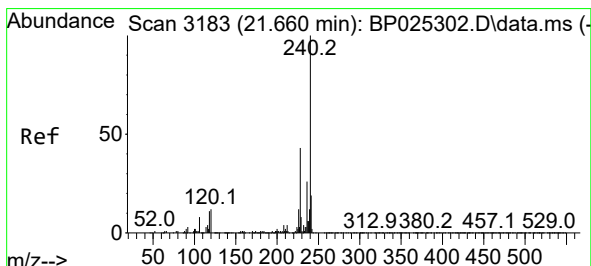
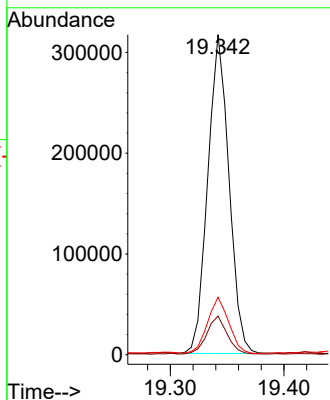
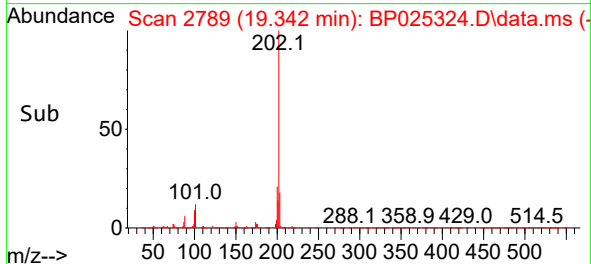
Instrument :
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PL-01-08062025



Tgt Ion:202 Resp: 40967
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.9 0.0 37.6

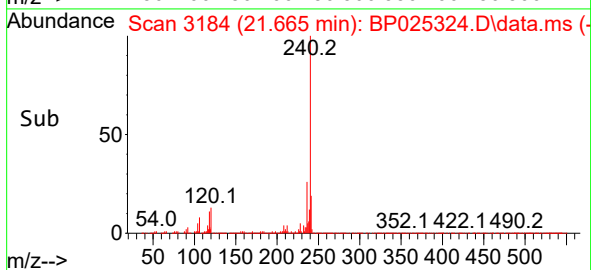
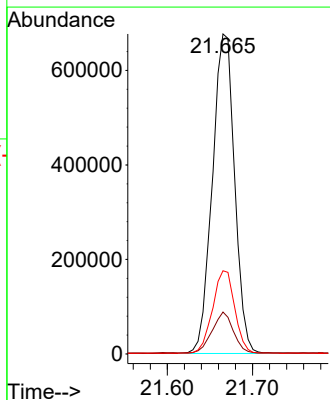
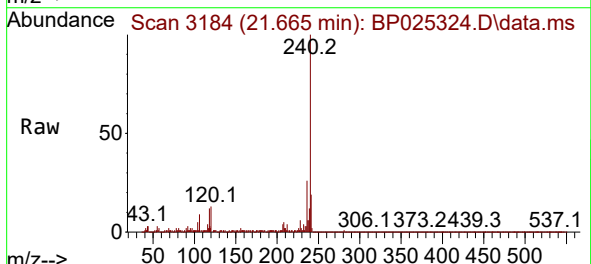
Manual Integrations
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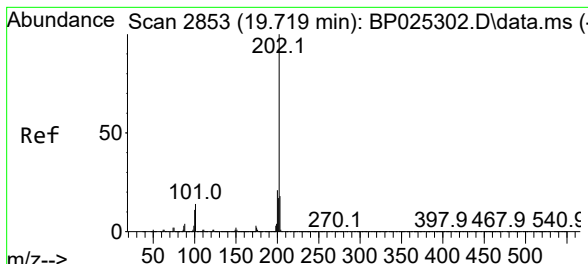
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.665 min Scan# 3184
Delta R.T. 0.005 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

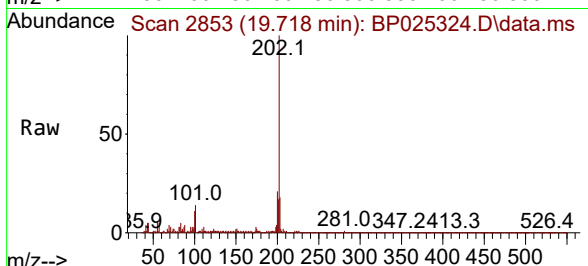
Tgt Ion:240 Resp: 1228282
Ion Ratio Lower Upper
240 100
120 13.1 9.6 14.4
236 26.0 20.4 30.6





#78
 Pyrene
 Concen: 4.949 ng
 RT: 19.718 min Scan# 2853
 Delta R.T. -0.001 min
 Lab File: BP025324.D
 Acq: 07 Aug 2025 21:59

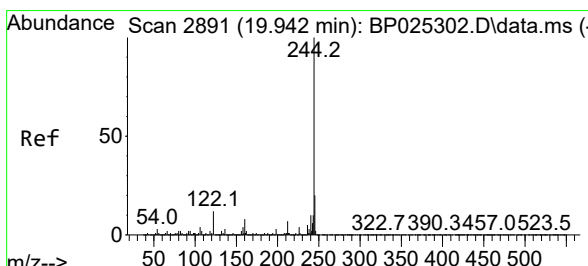
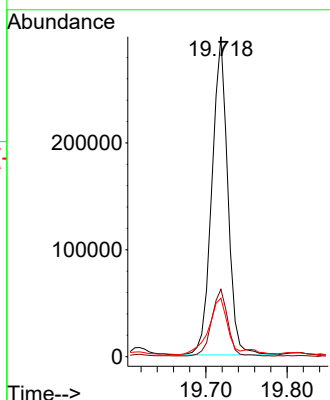
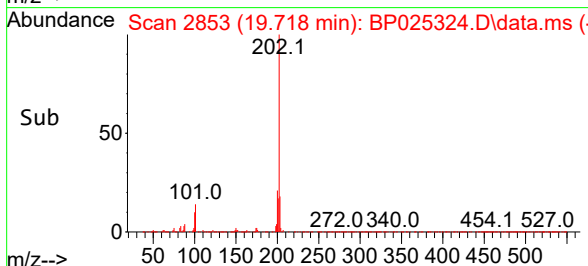
Instrument : BNA_P
 ClientSampleId : PL-01-08062025



Tgt Ion: 202 Resp: 404225
 Ion Ratio Lower Upper
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 200 21.0 16.7 25.1
 203 18.3 14.1 21.1

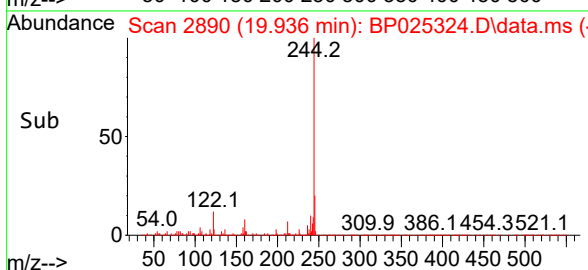
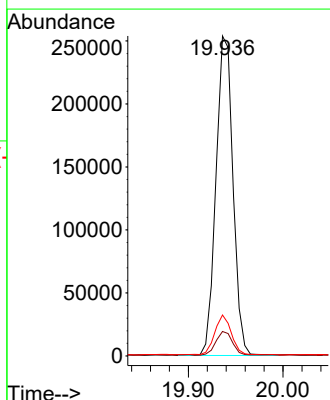
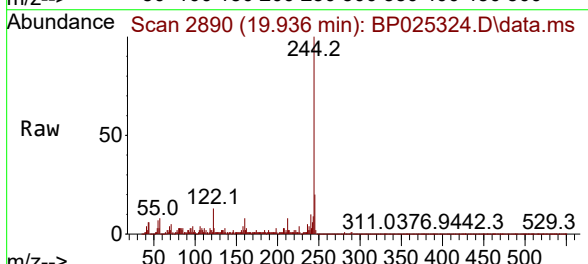
Manual Integrations
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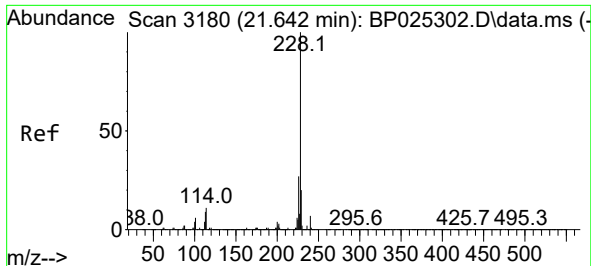
Reviewed By :Rahul Chavli 08/08/2025
 Supervised By :Jagrut Upadhyay 08/11/2025



#79
 Terphenyl-d14
 Concen: 4.877 ng
 RT: 19.936 min Scan# 2890
 Delta R.T. -0.006 min
 Lab File: BP025324.D
 Acq: 07 Aug 2025 21:59

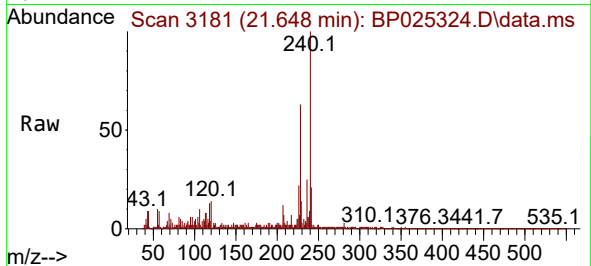
Tgt Ion: 244 Resp: 317183
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.8 9.5 14.3





#81
Benzo(a)anthracene
Concen: 3.018 ng m
RT: 21.648 min Scan# 3180
Delta R.T. 0.006 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59

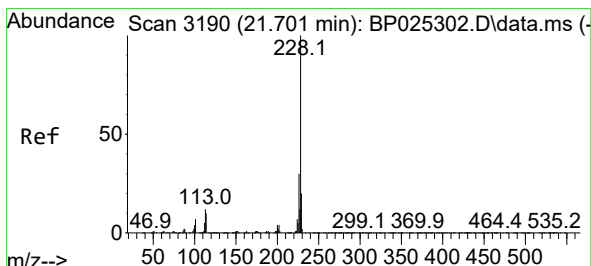
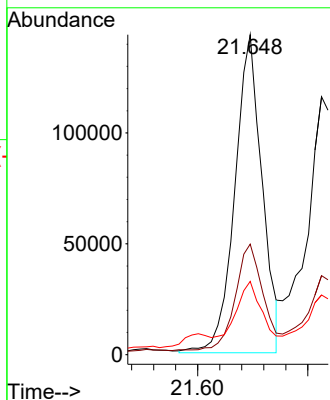
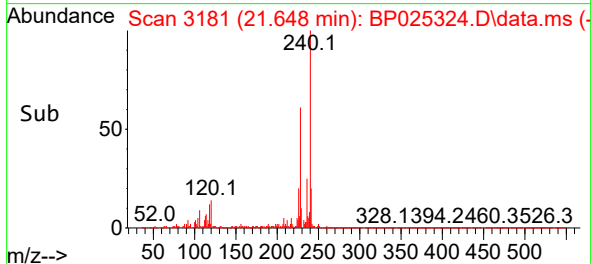
Instrument :
BNA_P
ClientSampleId :
PL-01-08062025



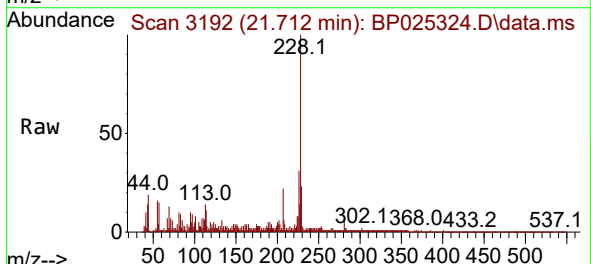
Tgt Ion:228 Resp: 246314
Ion Ratio Lower Upper
228 100
226 34.5 21.8 32.8
229 22.9 16.0 24.0

Manual Integrations
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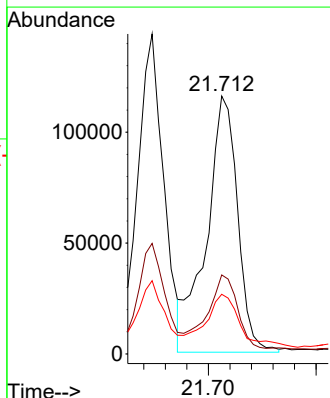
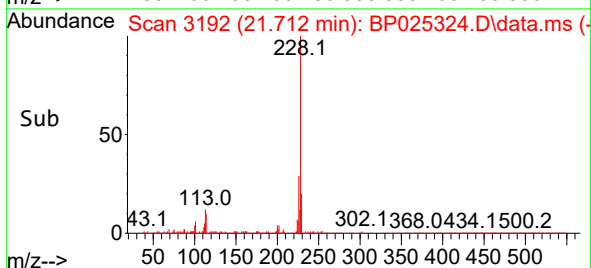
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025

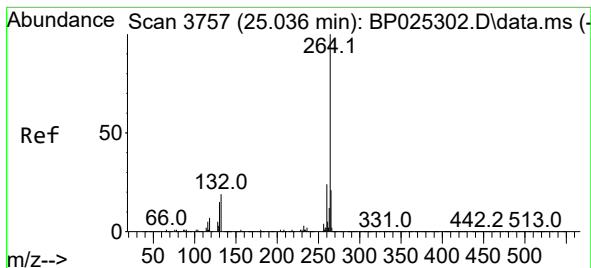


#83
Chrysene
Concen: 3.065 ng m
RT: 21.712 min Scan# 3192
Delta R.T. 0.011 min
Lab File: BP025324.D
Acq: 07 Aug 2025 21:59



Tgt Ion:228 Resp: 232071
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 23.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP025324.D

Acq: 07 Aug 2025 21:59

Instrument :

BNA_P

ClientSampleId :

PL-01-08062025

Tgt Ion:264 Resp: 1403420

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

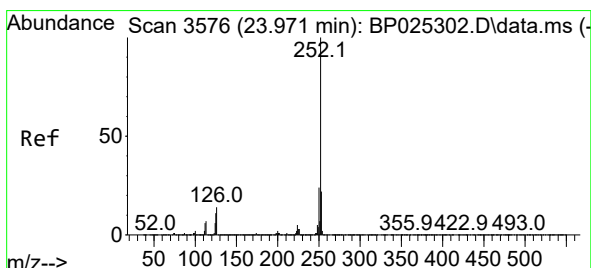
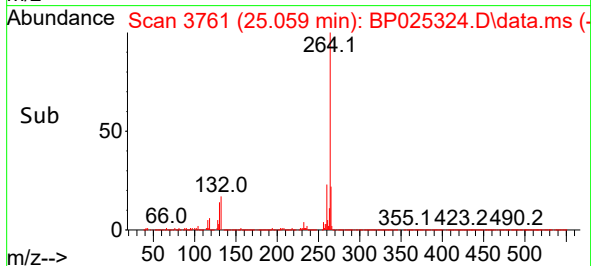
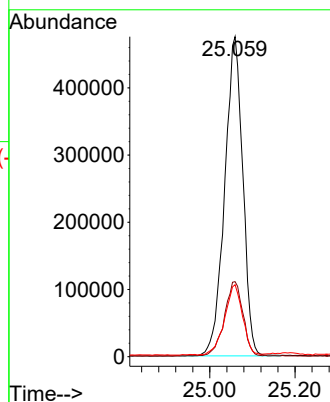
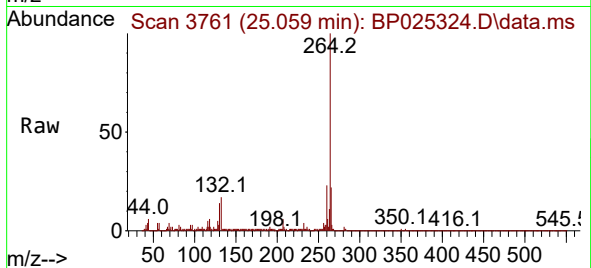
265 22.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/08/2025

Supervised By :Jagrut Upadhyay 08/11/2025



#88

Benzo(b)fluoranthene

Concen: 4.008 ng

RT: 23.965 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP025324.D

Acq: 07 Aug 2025 21:59

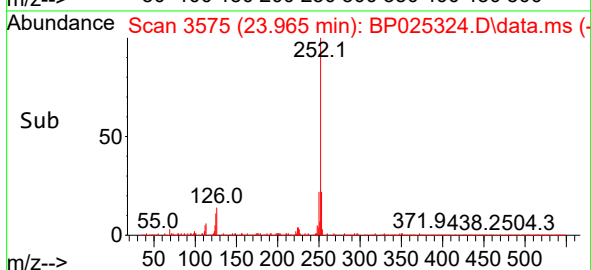
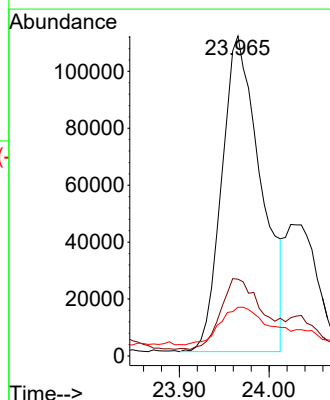
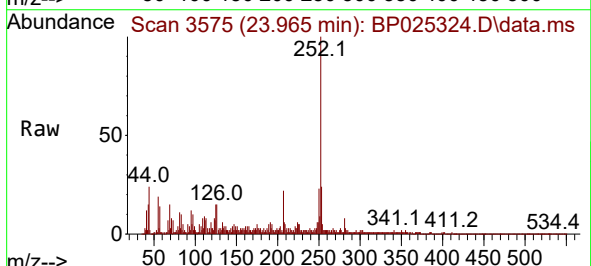
Tgt Ion:252 Resp: 336688

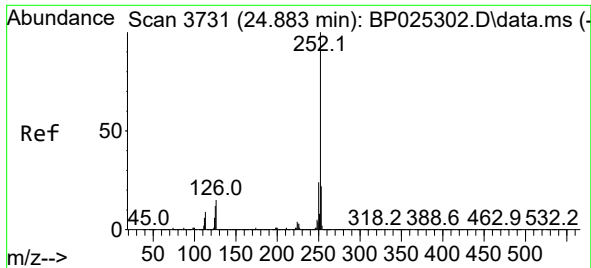
Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

125 15.2 8.5 12.7#





#90

Benzo(a)pyrene

Concen: 3.149 ng

RT: 24.865 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025324.D

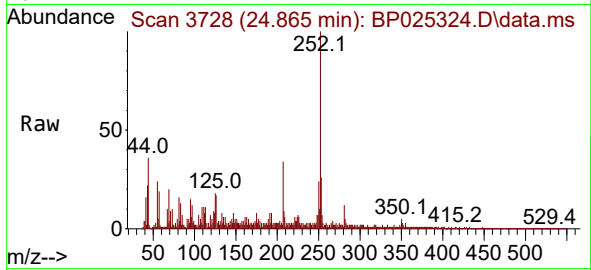
Acq: 07 Aug 2025 21:59

Instrument :

BNA_P

ClientSampleId :

PL-01-08062025



Tgt Ion:252 Resp: 254798

Ion Ratio Lower Upper

252 100

253 26.3 17.6 26.4

125 18.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/08/2025

Supervised By :Jagrut Upadhyay 08/11/2025

