

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025534.D
 Acq On : 21 Aug 2025 10:50
 Operator : CG/JU
 Sample : Q2819-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 84SB-S

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :Jagrut Upadhyay 08/21/2025

Quant Time: Aug 21 13:05:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	186498	20.000	ng	-0.01
21) Naphthalene-d8	10.549	136	731492	20.000	ng	-0.01
39) Acenaphthene-d10	14.395	164	448798	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	879089	20.000	ng	0.00
76) Chrysene-d12	21.648	240	947974	20.000	ng	0.00
86) Perylene-d12	25.012	264	1103815	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	602725	53.671	ng	0.00
7) Phenol-d6	6.960	99	767072	53.277	ng	0.00
23) Nitrobenzene-d5	8.925	82	519692	35.939	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	309459	51.228	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1118551	34.062	ng	-0.01
79) Terphenyl-d14	19.919	244	1627060	31.402	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.231	149	147412	4.414	ng	97
71) Phenanthrene	17.248	178	97907	2.027	ng	99
74) Di-n-butylphthalate	18.207	149	151766	2.656	ng	99
75) Fluoranthene	19.330	202	263702	4.578	ng	99
78) Pyrene	19.701	202	252098	4.091	ng	99
81) Benzo(a)anthracene	21.624	228	140854	2.253	ng	93
83) Chrysene	21.701	228	168589	2.879	ng	99
88) Benzo(b)fluoranthene	23.948	252	235399	3.617	ng	# 96
90) Benzo(a)pyrene	24.842	252	155158	2.449	ng	# 95

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

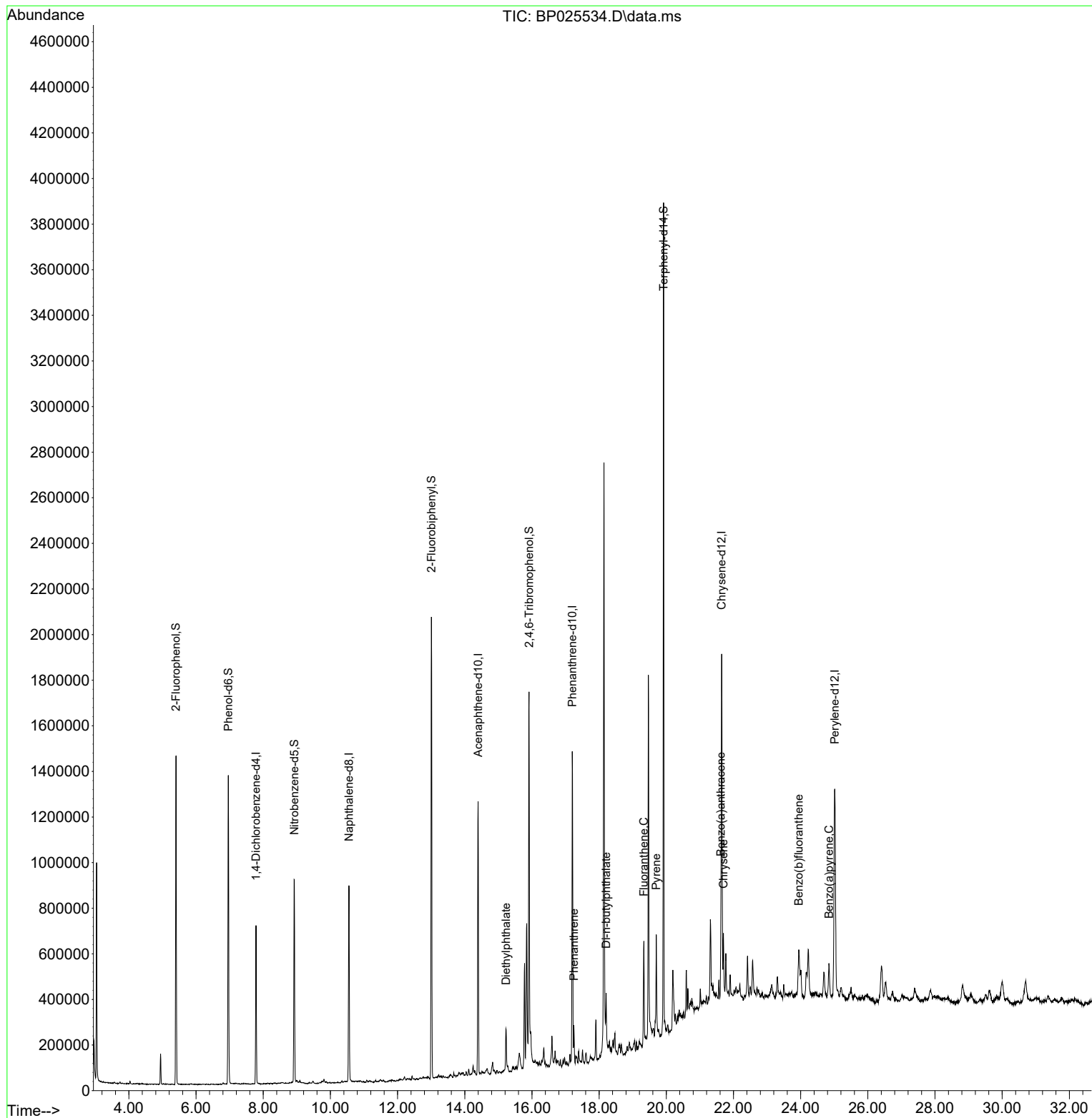
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025534.D
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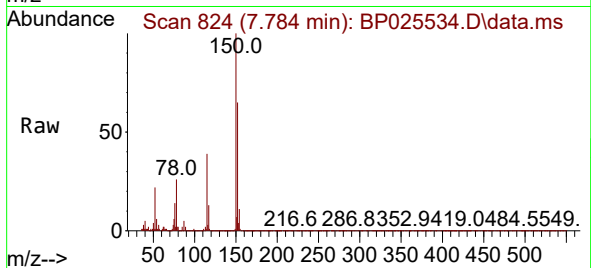
Quant Time: Aug 21 13:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

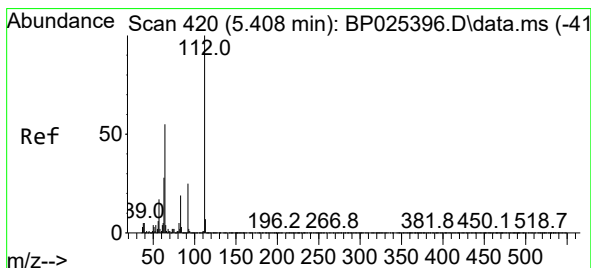
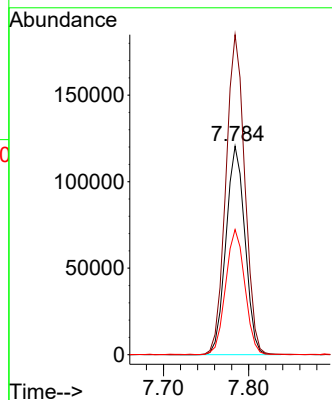
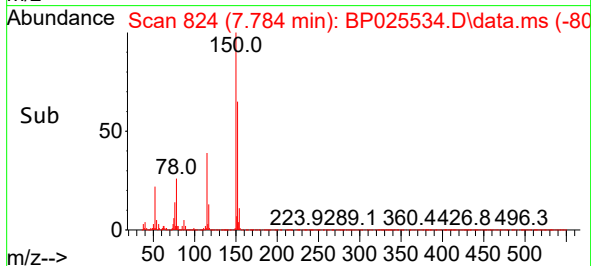
Instrument :
BNA_P
ClientSampleId :
84SB-S



Tgt Ion:152 Resp: 186498
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 60.0 48.5 72.7

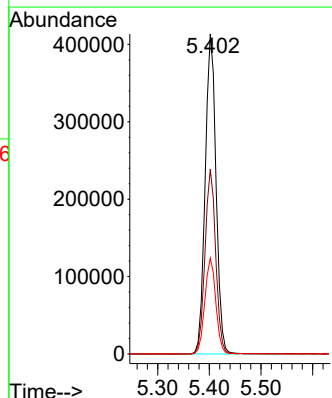
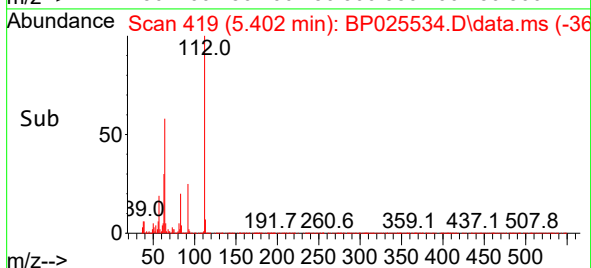
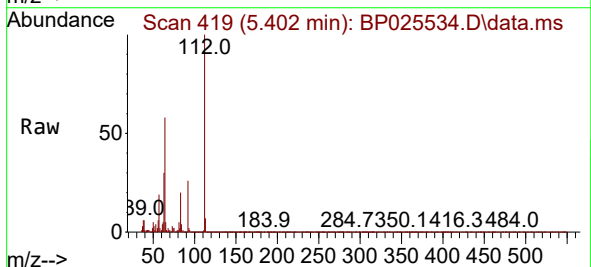
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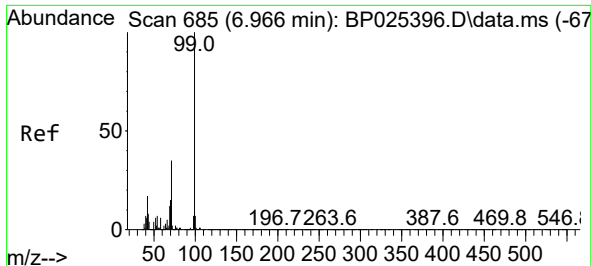
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#5
2-Fluorophenol
Concen: 53.671 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

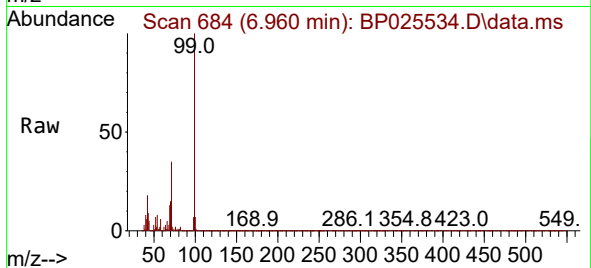
Tgt Ion:112 Resp: 602725
Ion Ratio Lower Upper
112 100
64 57.7 43.8 65.8
63 30.0 22.7 34.1





#7
Phenol-d6
Concen: 53.277 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

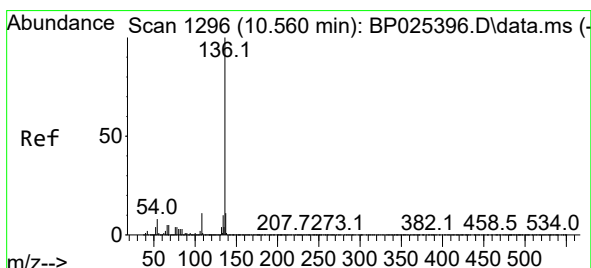
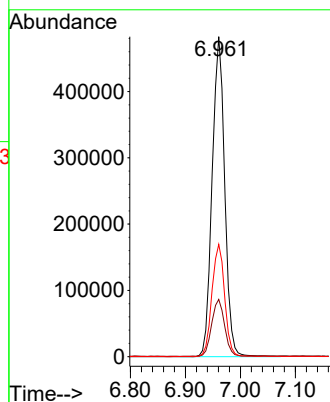
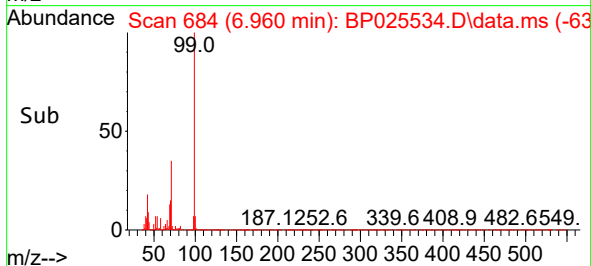
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 767072
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 35.1 28.2 42.4

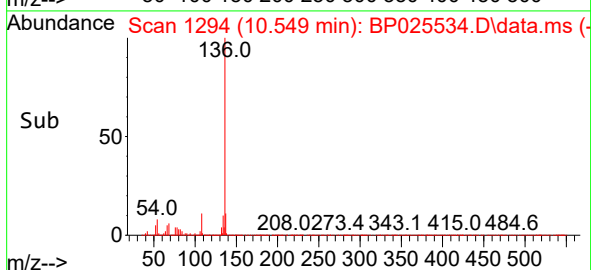
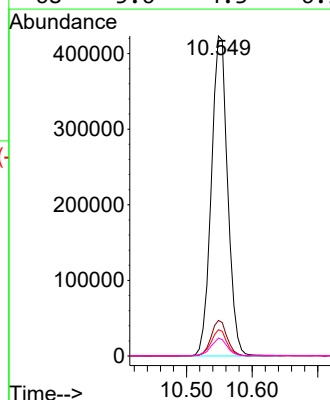
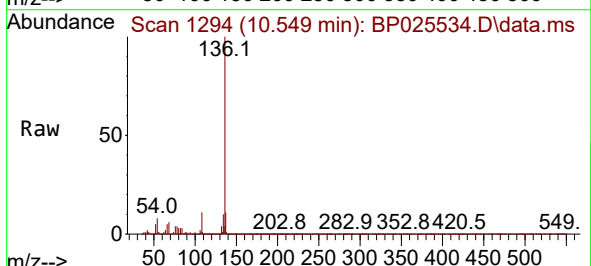
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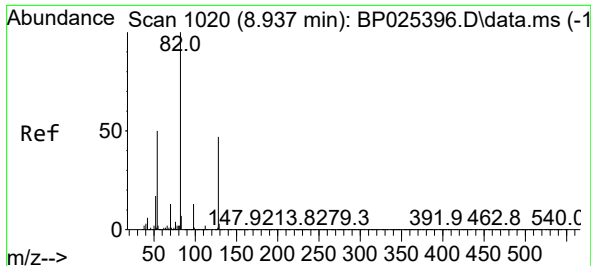
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

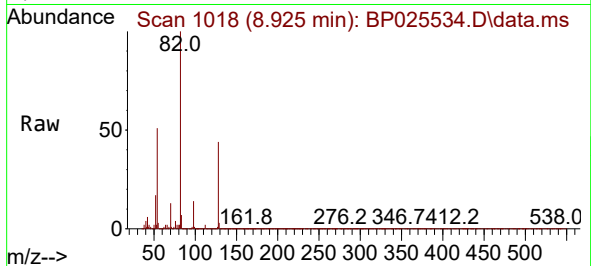
Tgt Ion:136 Resp: 731492
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.2 6.0 9.0
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 35.939 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

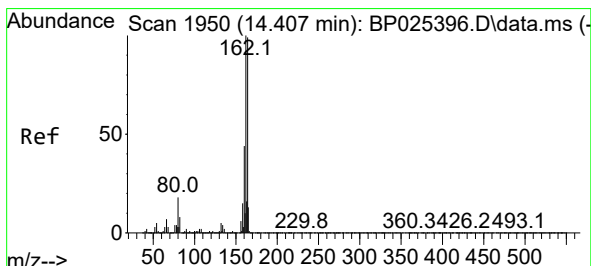
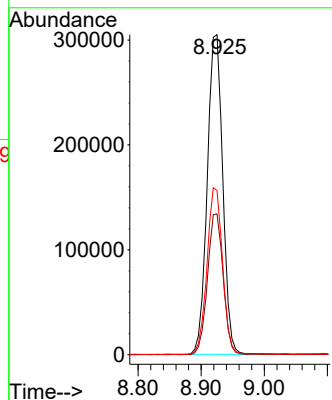
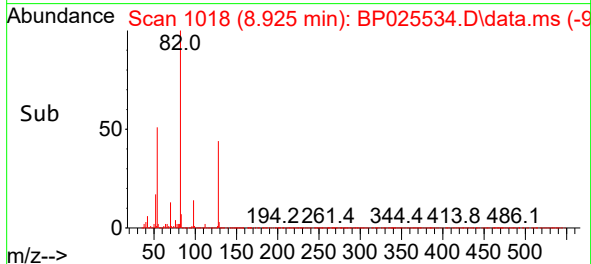
Instrument :
BNA_P
ClientSampleId :
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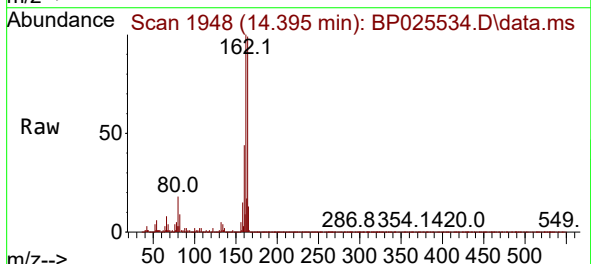
Tgt Ion: 82 Resp: 519692
Ion Ratio Lower Upper
82 100
128 44.0 37.7 56.5
54 51.3 39.8 59.6

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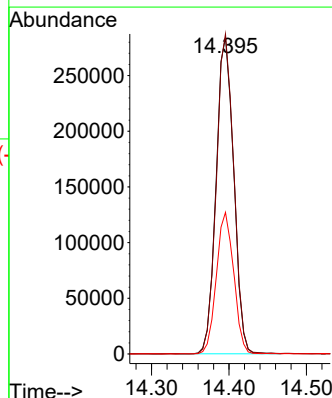
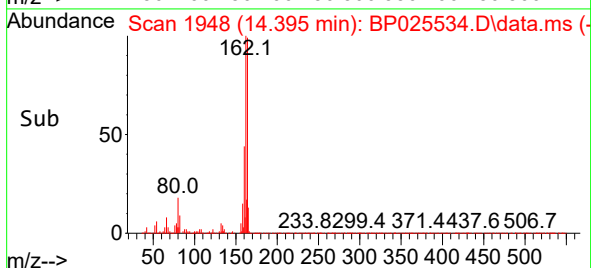
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50



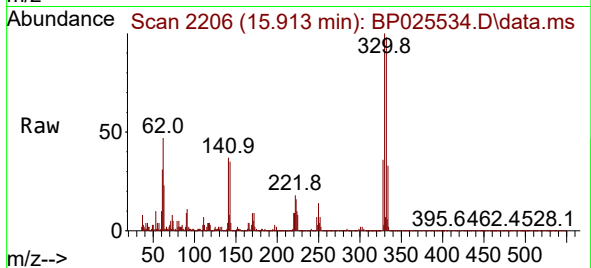
Tgt Ion:164 Resp: 448798
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.6
160 44.7 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 51.228 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

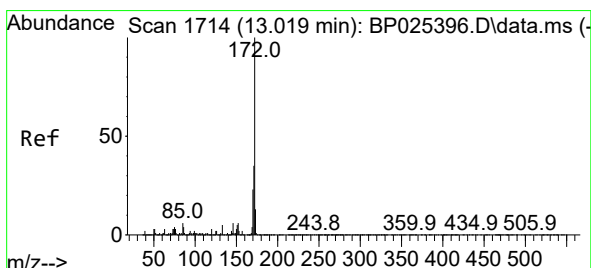
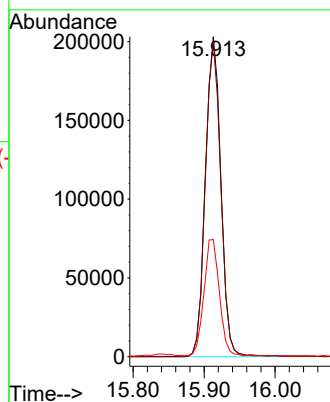
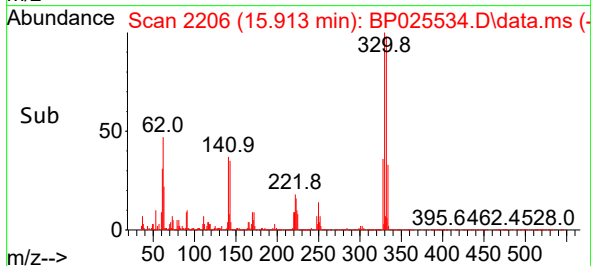
Instrument :
BNA_P
ClientSampleId :
84SB-S



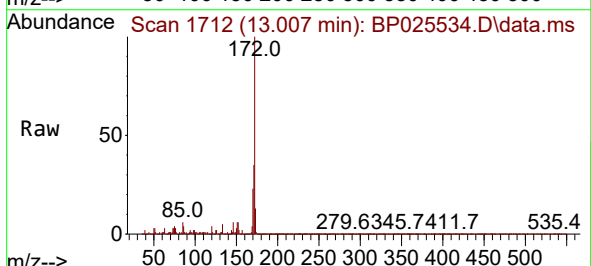
Tgt Ion:330 Resp: 30945
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 36.3 26.6 39.8

Manual Integrations
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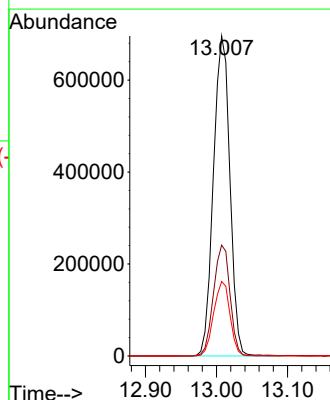
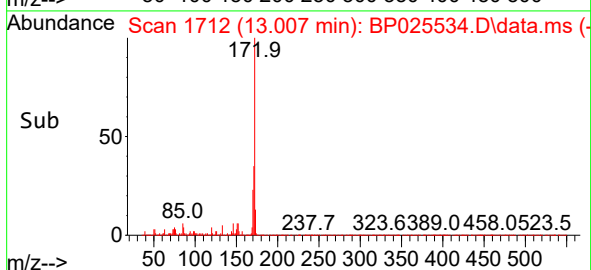
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

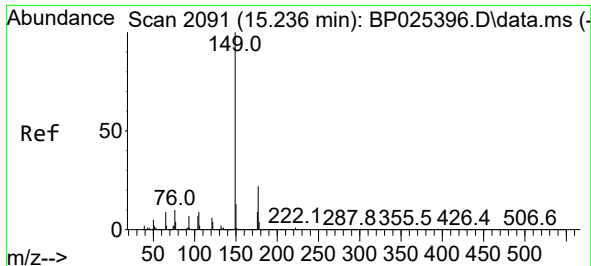


#45
2-Fluorobiphenyl
Concen: 34.062 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50



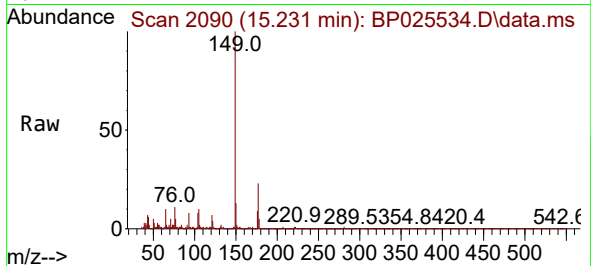
Tgt Ion:172 Resp: 1118551
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 18.6 28.0





#60
Diethylphthalate
Concen: 4.414 ng
RT: 15.231 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

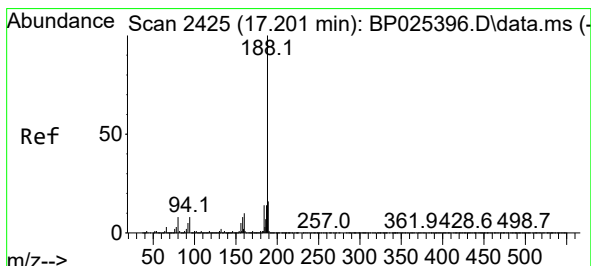
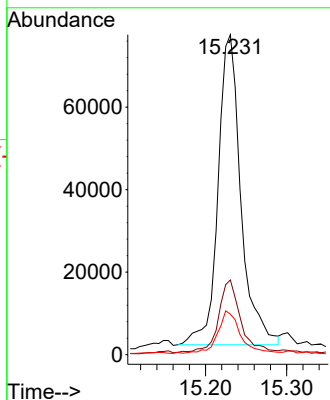
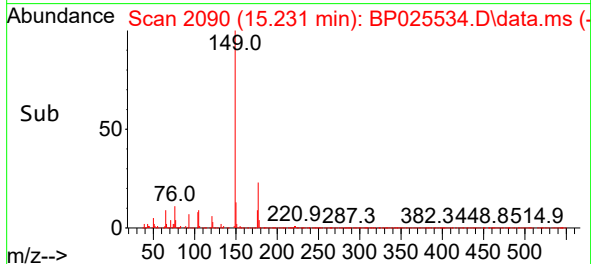
Instrument :
BNA_P
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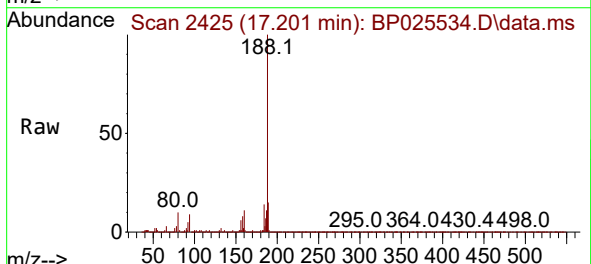
Tgt Ion:149 Resp: 14741
Ion Ratio Lower Upper
149 100
177 23.4 17.3 25.9
150 12.7 10.3 15.5

Manual Integrations
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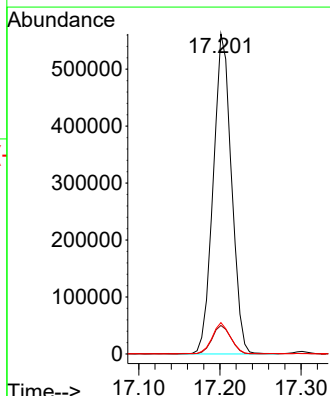
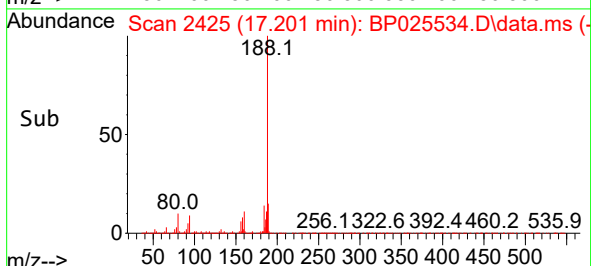
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

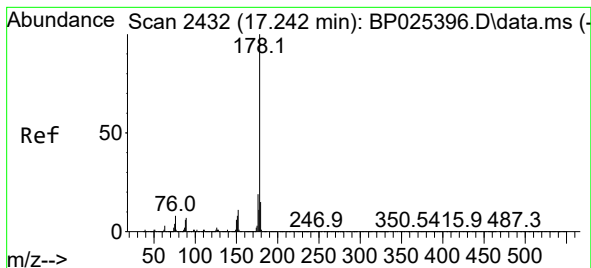


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50



Tgt Ion:188 Resp: 879089
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.8 6.7 10.1





#71

Phenanthrene

Concen: 2.027 ng

RT: 17.248 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

Instrument :

BNA_P

ClientSampleId :

84SB-S

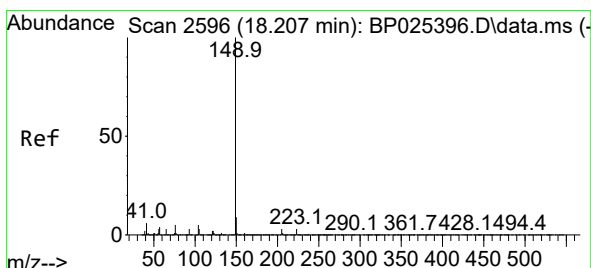
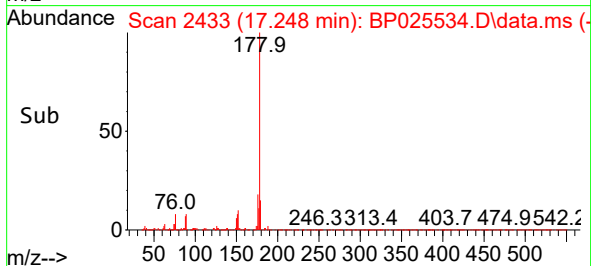
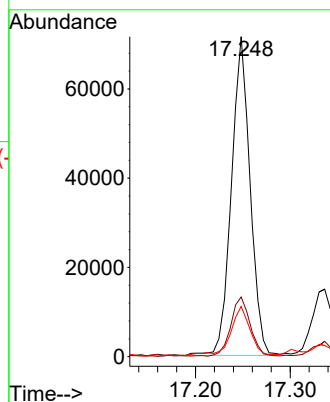
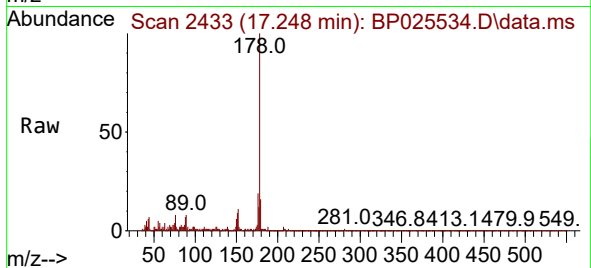
Tgt Ion:178	Resp:	9790
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.5 23.3
179	15.7	12.2 18.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/21/2025



#74

Di-n-butylphthalate

Concen: 2.656 ng

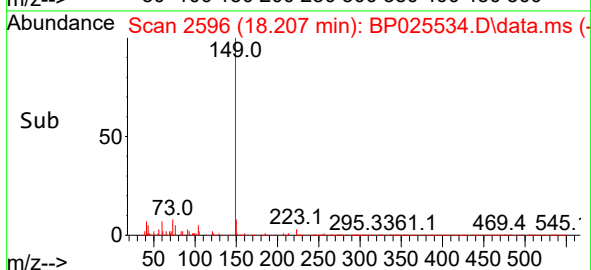
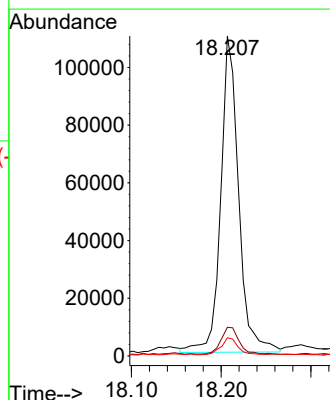
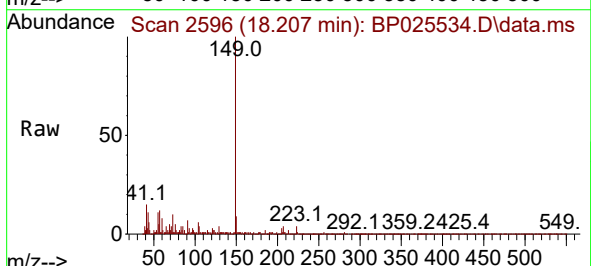
RT: 18.207 min Scan# 2596

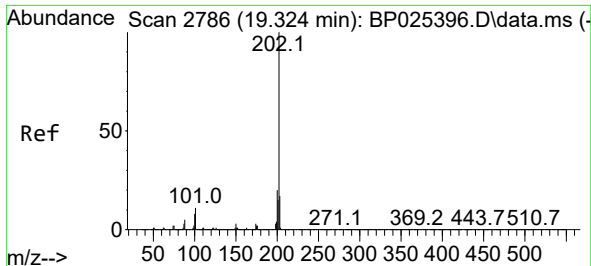
Delta R.T. 0.000 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

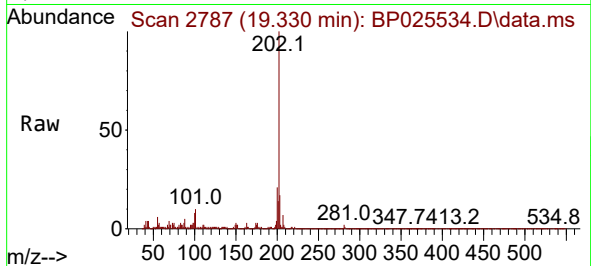
Tgt Ion:149	Resp:	151766
Ion Ratio	Lower	Upper
149	100	
150	8.9	7.4 11.0
104	5.7	4.2 6.2





#75
Fluoranthene
Concen: 4.578 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

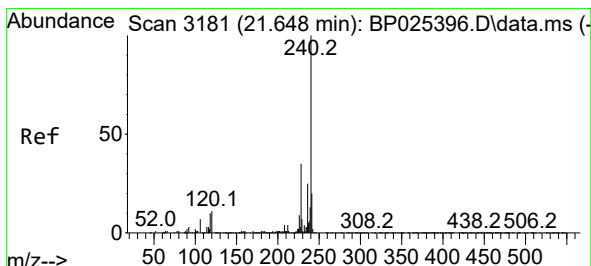
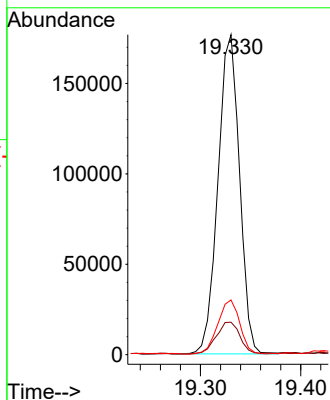
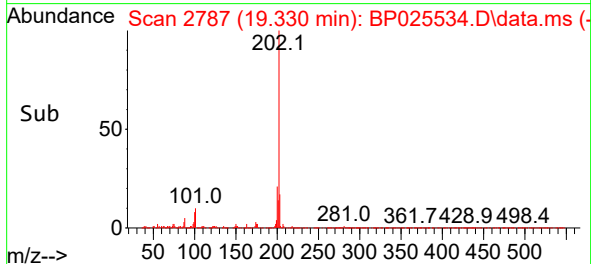
Instrument :
BNA_P
ClientSampleId :
84SB-S



Tgt Ion:202 Resp: 26370
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.1 0.0 37.3

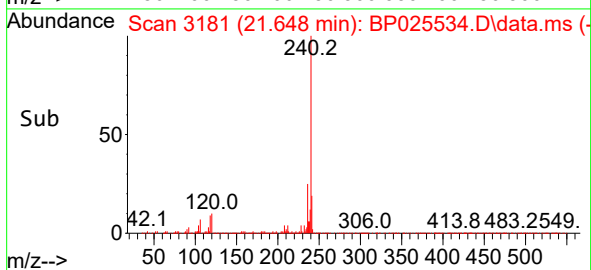
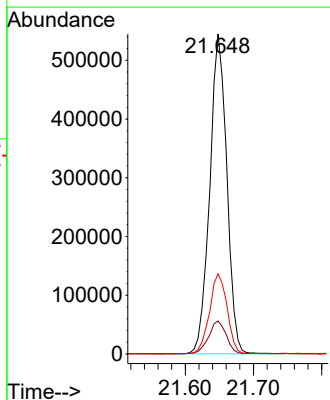
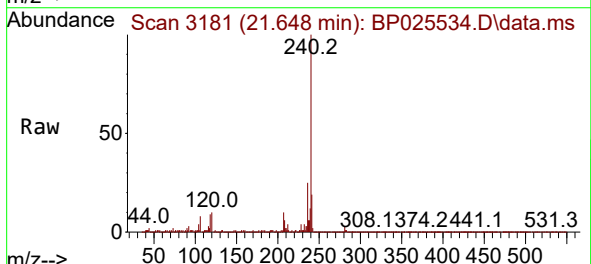
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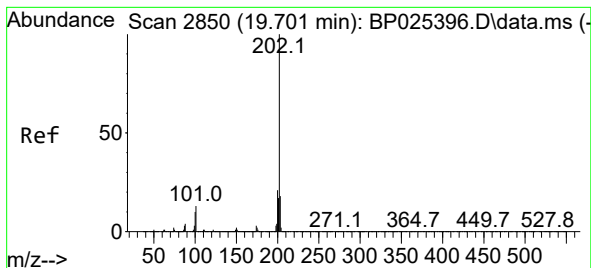
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

Tgt Ion:240 Resp: 947974
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.0 19.8 29.8





#78

Pyrene

Concen: 4.091 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

Instrument :

BNA_P

ClientSampleId :

84SB-S

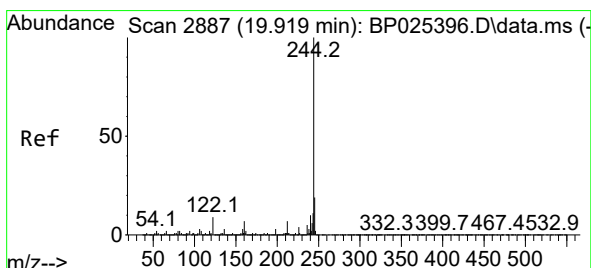
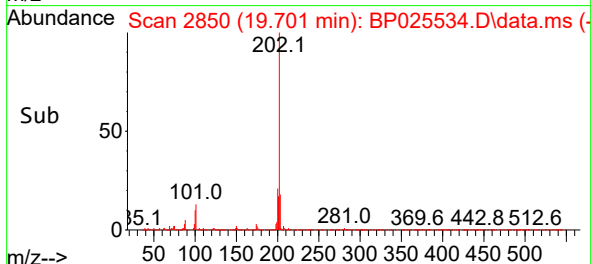
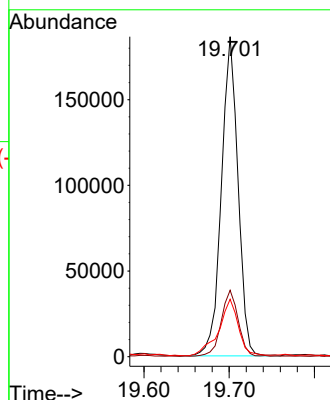
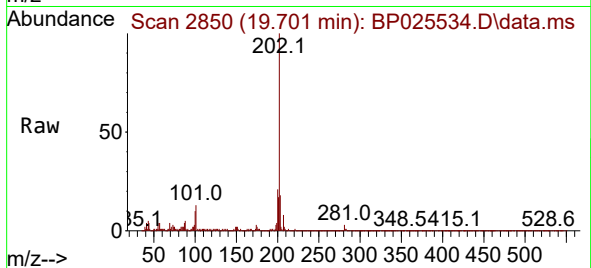
Tgt Ion:202 Resp: 252098
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.9 25.3
 203 18.0 14.2 21.2

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Supervised By :Jagrut Upadhyay 08/21/2025



#79

Terphenyl-d14

Concen: 31.402 ng

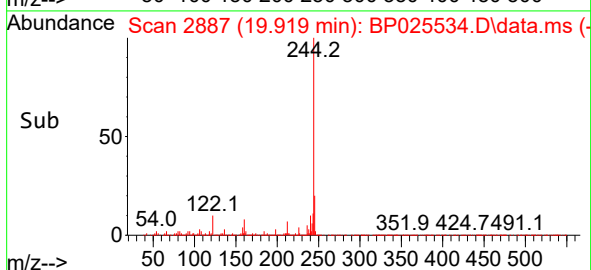
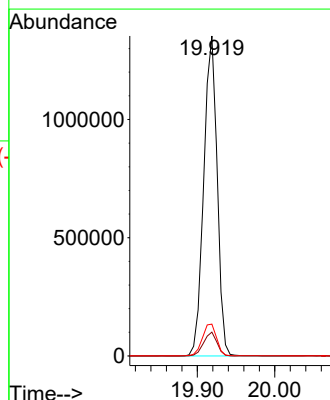
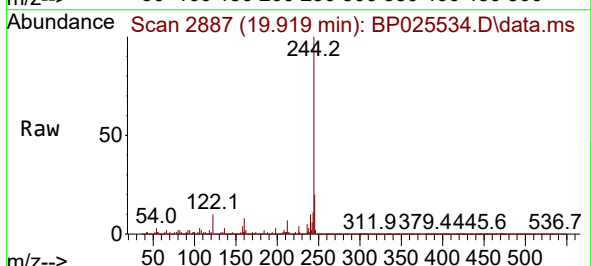
RT: 19.919 min Scan# 2887

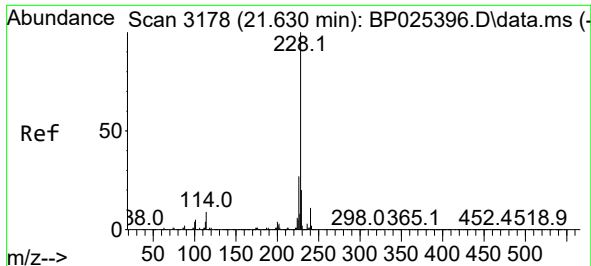
Delta R.T. 0.000 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

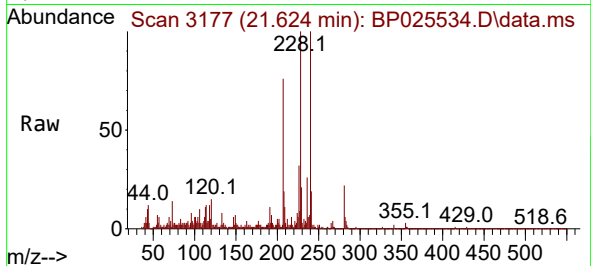
Tgt Ion:244 Resp: 1627060
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.9 7.4 11.2





#81
Benzo(a)anthracene
Concen: 2.253 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

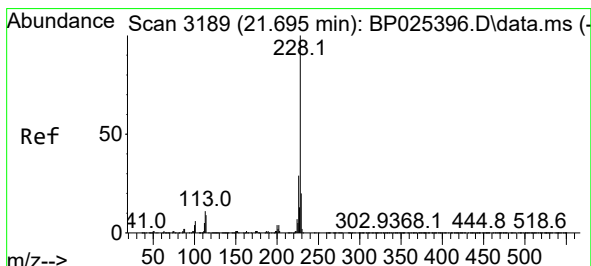
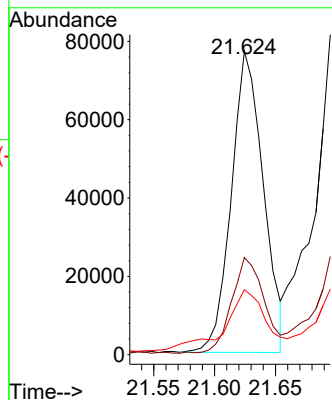
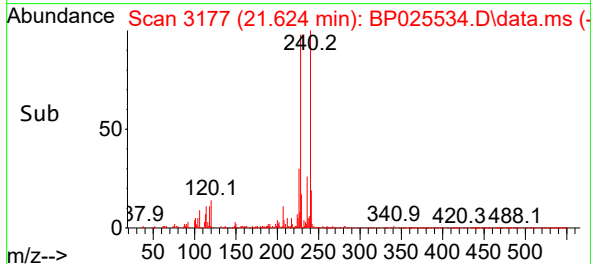
Instrument :
BNA_P
ClientSampleId :
84SB-S



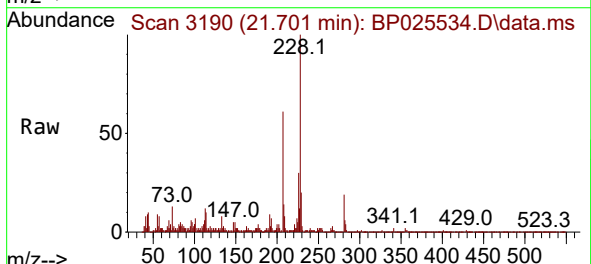
Tgt Ion:228 Resp: 140854
Ion Ratio Lower Upper
228 100
226 32.0 21.7 32.5
229 21.4 15.6 23.4

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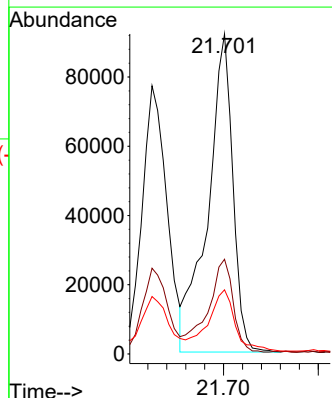
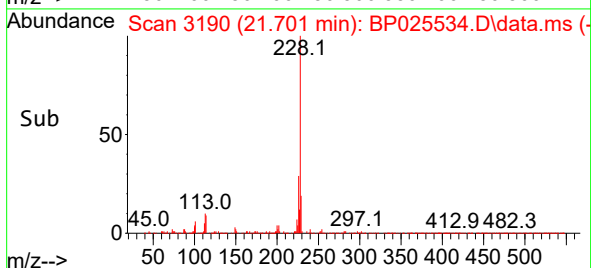
Reviewed By :Rahul Chavli 08/21/2025
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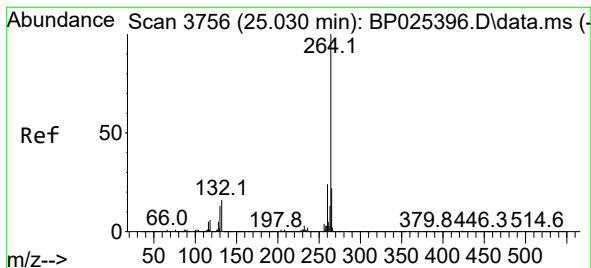


#83
Chrysene
Concen: 2.879 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50



Tgt Ion:228 Resp: 168589
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 20.1 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

Instrument :

BNA_P

ClientSampleId :

84SB-S

Tgt Ion:264 Resp: 110381

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

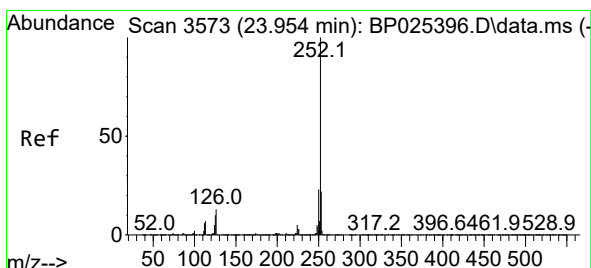
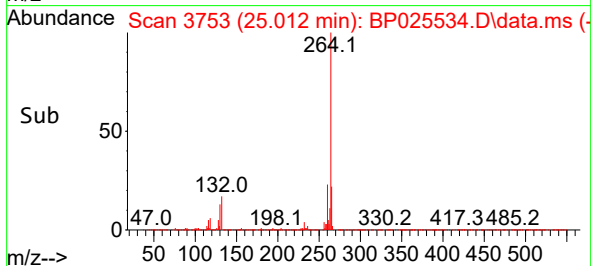
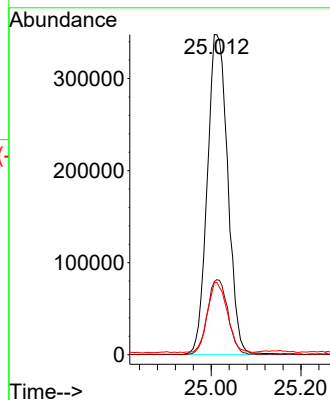
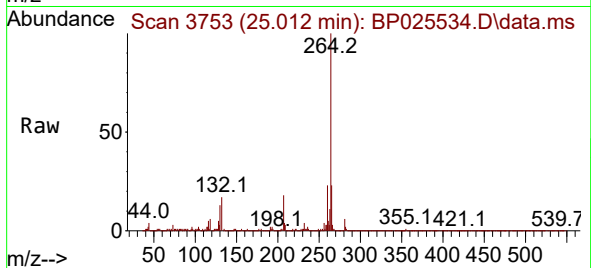
265 22.6 17.4 26.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/21/2025



#88

Benzo(b)fluoranthene

Concen: 3.617 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025534.D

Acq: 21 Aug 2025 10:50

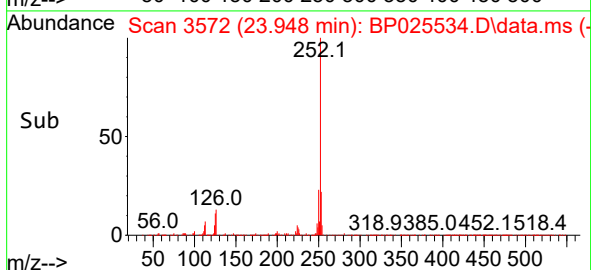
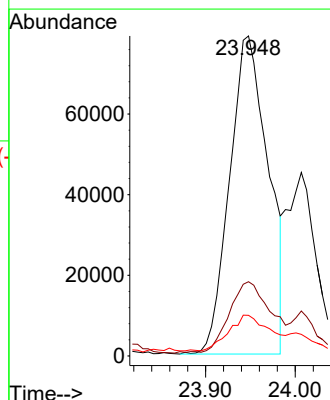
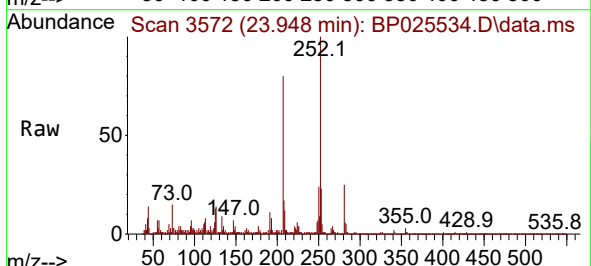
Tgt Ion:252 Resp: 235399

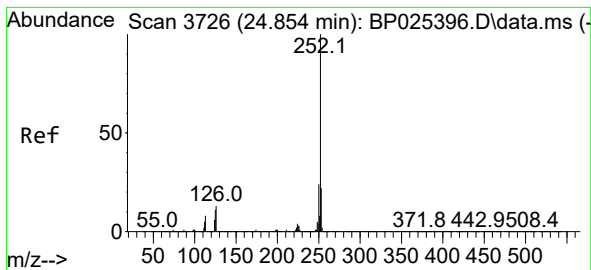
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

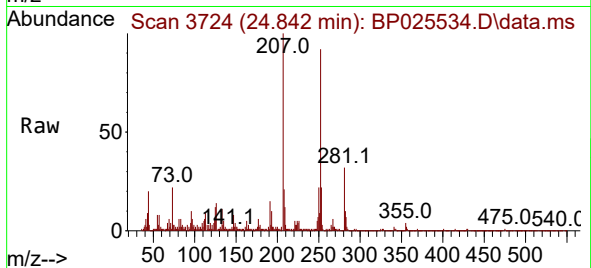
125 12.7 7.9 11.9#





#90
Benzo(a)pyrene
Concen: 2.449 ng
RT: 24.842 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025534.D
Acq: 21 Aug 2025 10:50

Instrument :
BNA_P
ClientSampleId :
84SB-S



Tgt Ion:252 Resp: 155158
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 13.3 8.7 13.1

Manual Integrations
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Reviewed By :Rahul Chavli 08/21/2025
Supervised By :Jagrut Upadhyay 08/21/2025

