

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025613.D
 Acq On : 28 Aug 2025 15:57
 Operator : CG/JU
 Sample : Q2960-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-08262025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 16:33:34 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	7.772	152	179479	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	715190	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	454859	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	925556	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	1014717	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1182917	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	219503	20.310	ng	0.00
7) Phenol-d6	6.966	99	263763	19.036	ng	0.00
23) Nitrobenzene-d5	8.913	82	167345	11.836	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	118172	19.301	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	415836	12.494	ng	-0.03
79) Terphenyl-d14	19.907	244	708355	12.772	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.319	202	232380	3.832	ng	99
78) Pyrene	19.695	202	216294	3.279	ng	99
83) Chrysene	21.683	228	134124m	2.140	ng	
88) Benzo(b)fluoranthene	23.924	252	157512	2.258	ng	# 85

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

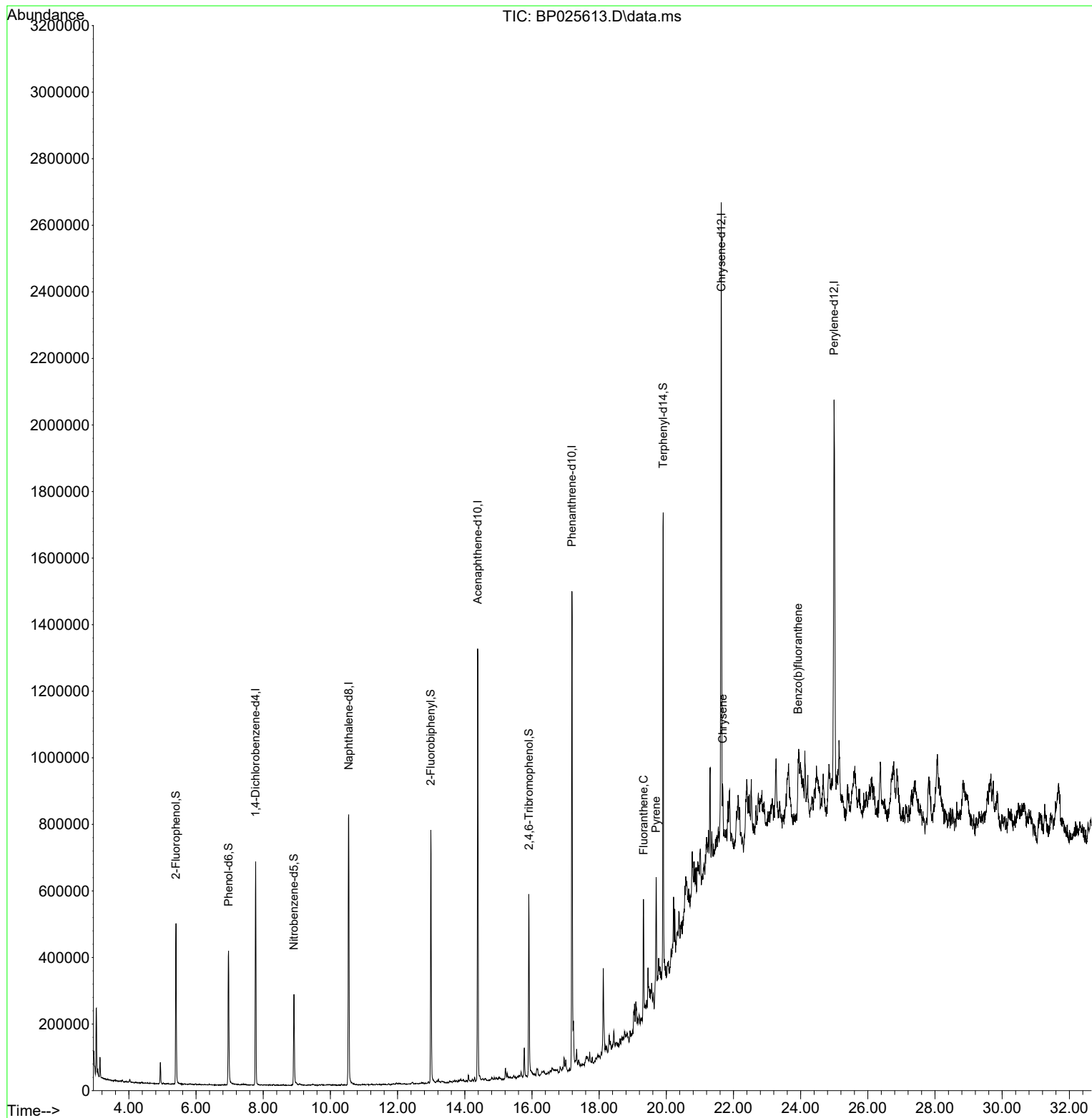
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025613.D
Acq On : 28 Aug 2025 15:57
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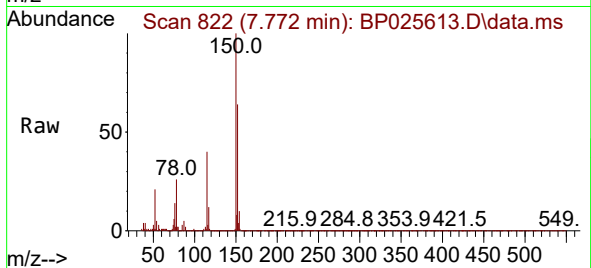
Quant Time: Aug 28 16:33:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

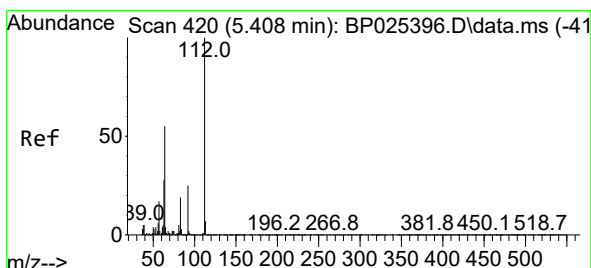
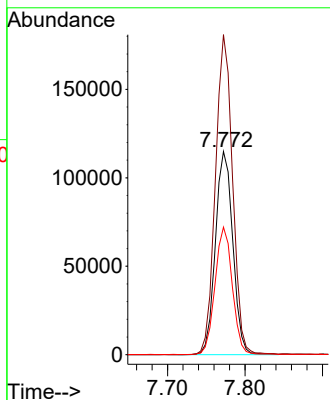
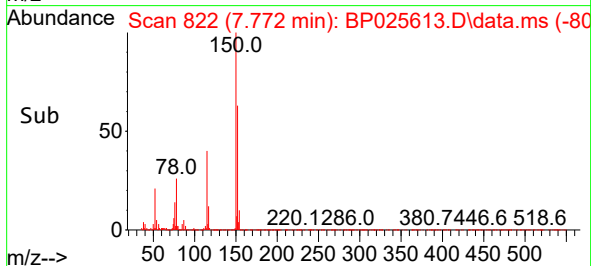
Instrument :
BNA_P
ClientSampleId :
SU-03-08262025



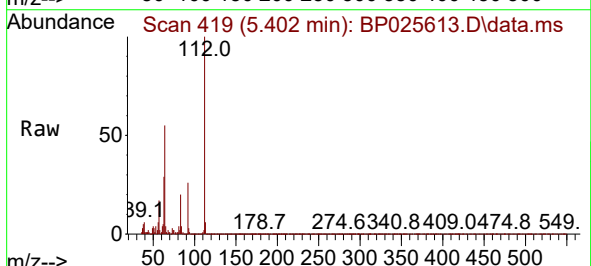
Tgt Ion:152 Resp: 179479
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 62.7 48.5 72.7

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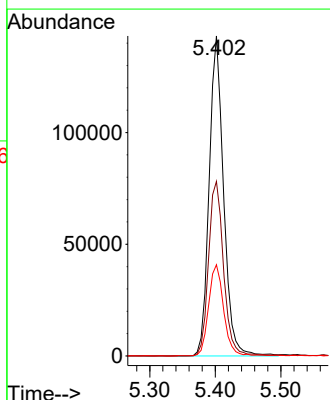
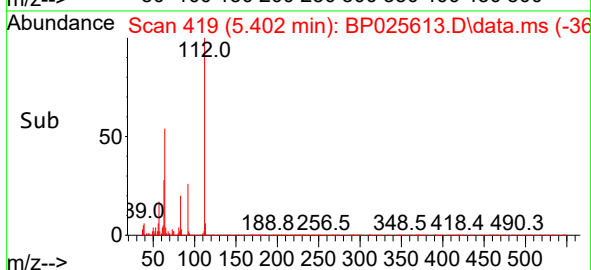
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

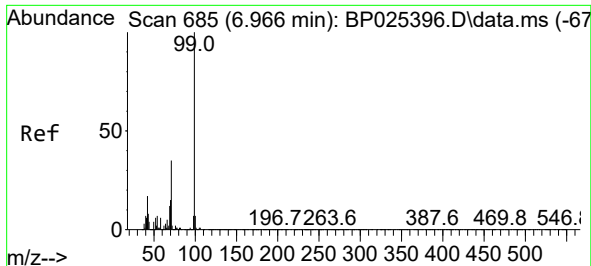


#5
2-Fluorophenol
Concen: 20.310 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57



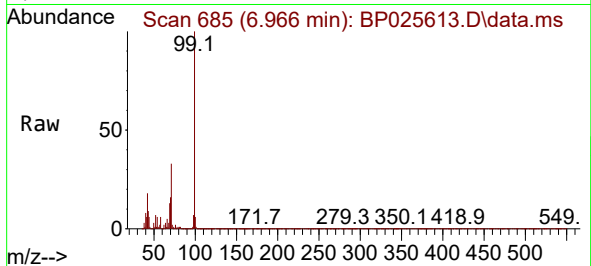
Tgt Ion:112 Resp: 219503
Ion Ratio Lower Upper
112 100
64 54.6 43.8 65.8
63 28.5 22.7 34.1





#7
Phenol-d6
Concen: 19.036 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

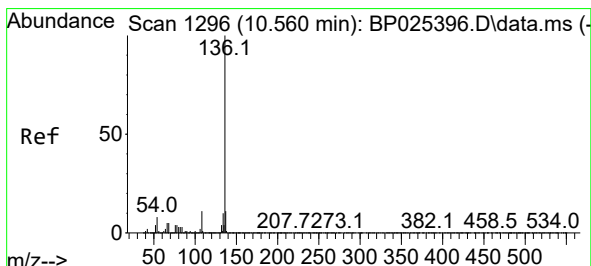
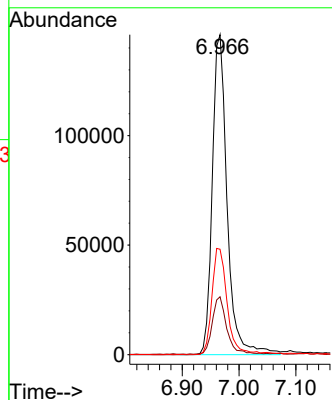
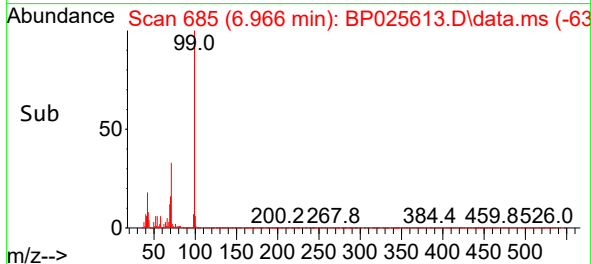
Instrument :
BNA_P
ClientSampleId :
SU-03-08262025



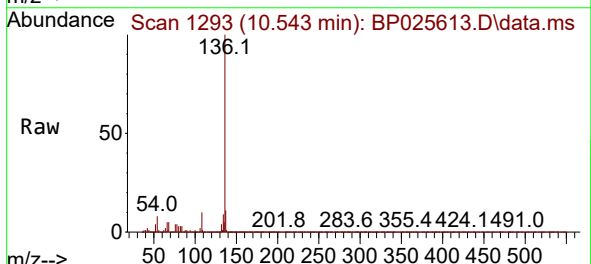
Tgt Ion: 99 Resp: 26376
Ion Ratio Lower Upper
99 100
42 18.1 13.7 20.5
71 33.0 28.2 42.4

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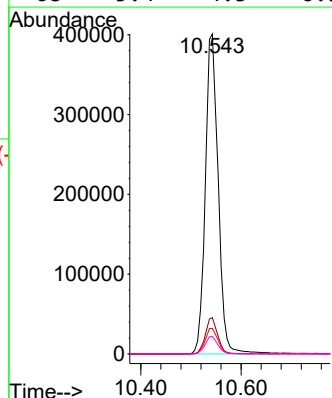
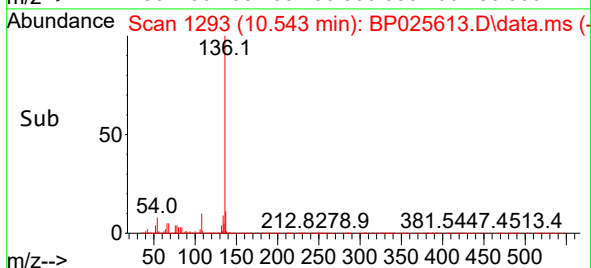
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

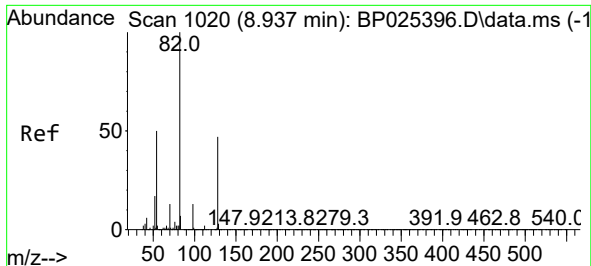


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57



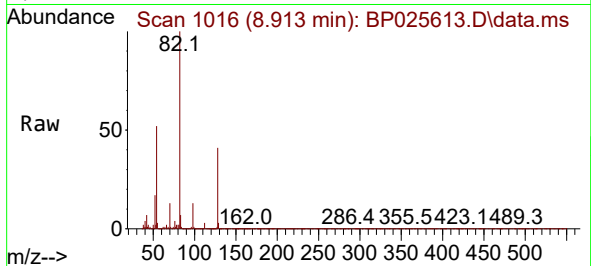
Tgt Ion:136 Resp: 715190
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.0 6.0 9.0
68 5.4 4.3 6.5





#23
Nitrobenzene-d5
Concen: 11.836 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

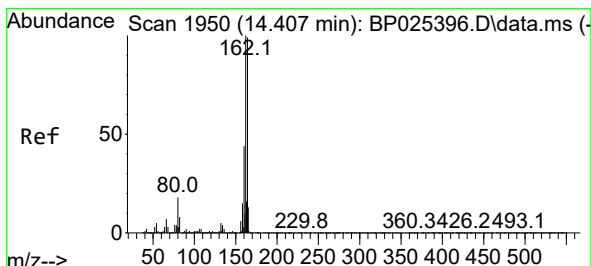
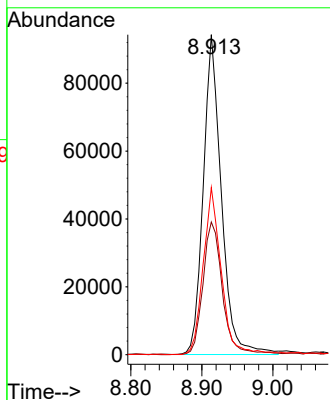
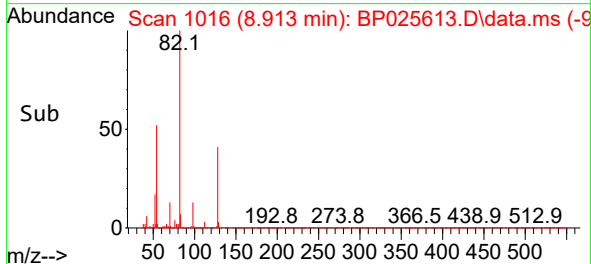
Instrument :
BNA_P
ClientSampleId :
SU-03-08262025



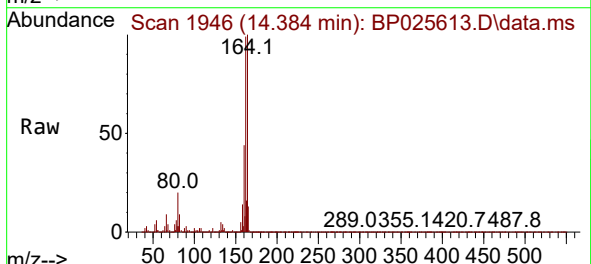
Tgt Ion: 82 Resp: 167345
Ion Ratio Lower Upper
82 100
128 41.5 37.7 56.5
54 52.2 39.8 59.6

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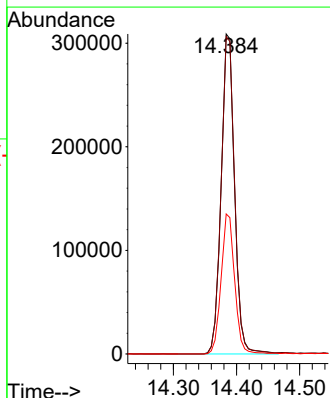
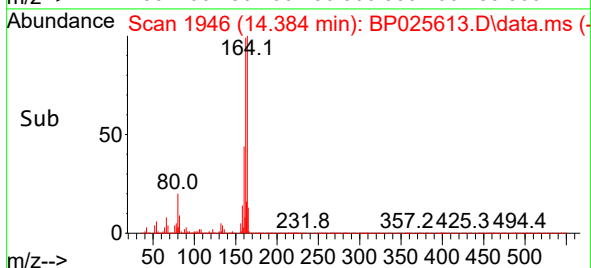
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57



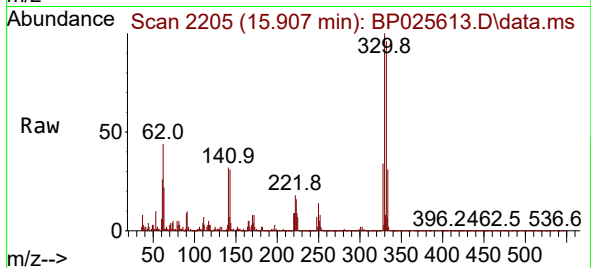
Tgt Ion:164 Resp: 454859
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.6
160 43.7 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 19.301 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

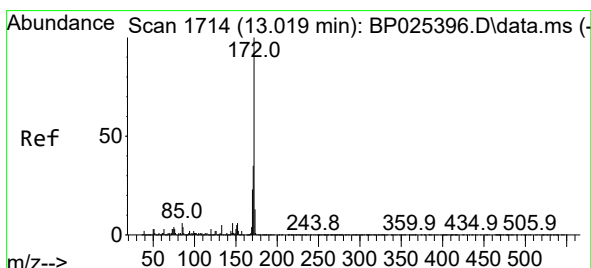
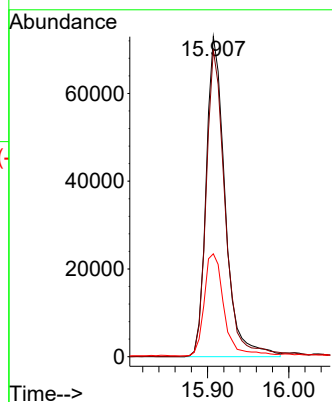
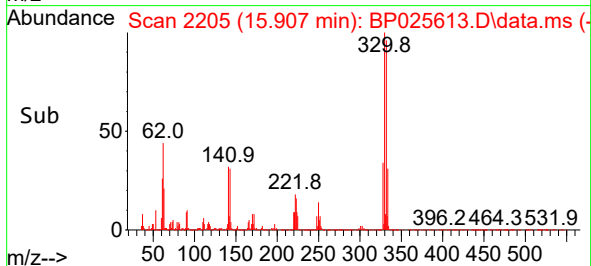
Instrument :
BNA_P
ClientSampleId :
SU-03-08262025



Tgt Ion:330 Resp: 118172
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.2 26.6 39.8

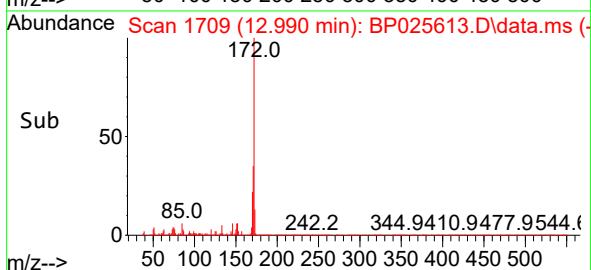
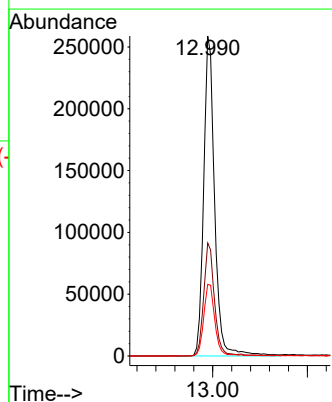
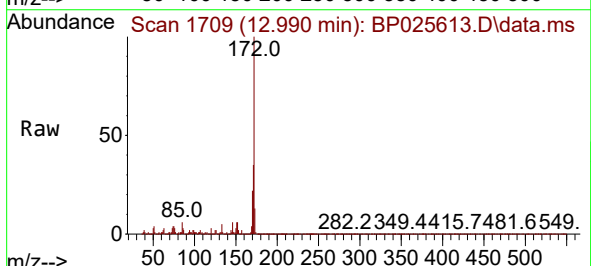
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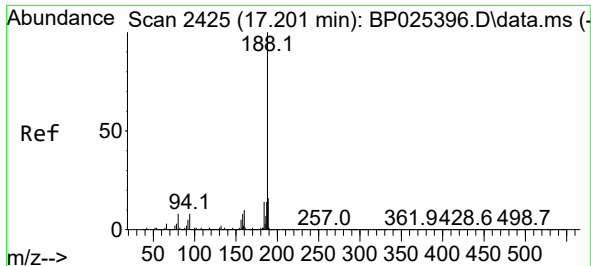
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#45
2-Fluorobiphenyl
Concen: 12.494 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.029 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:172 Resp: 415836
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.3 18.6 28.0





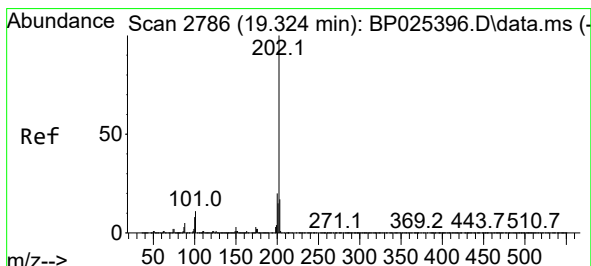
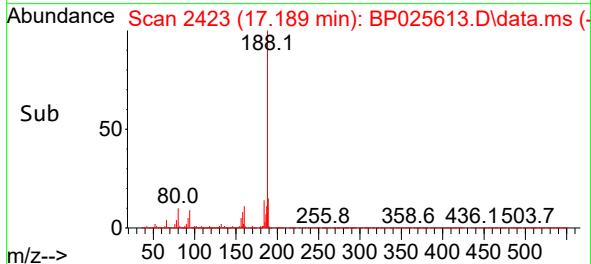
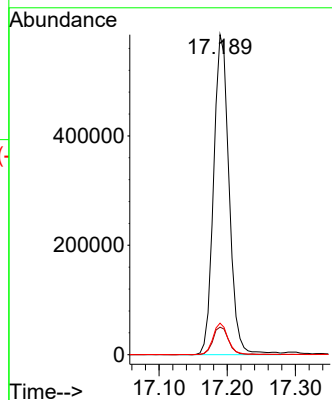
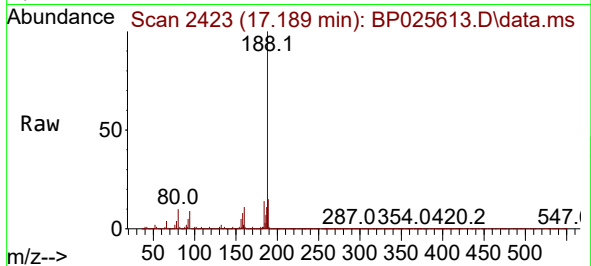
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
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SU-03-08262025

Tgt Ion:188 Resp: 925550
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.9 6.7 10.1

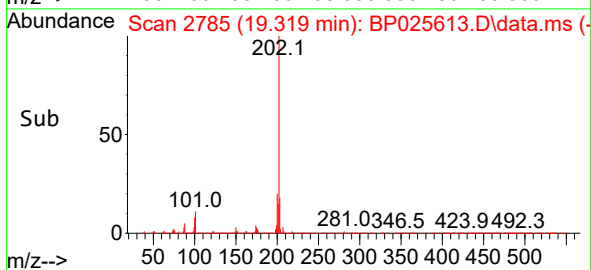
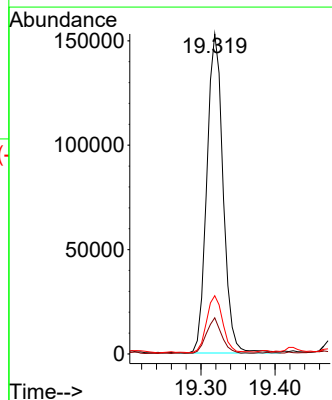
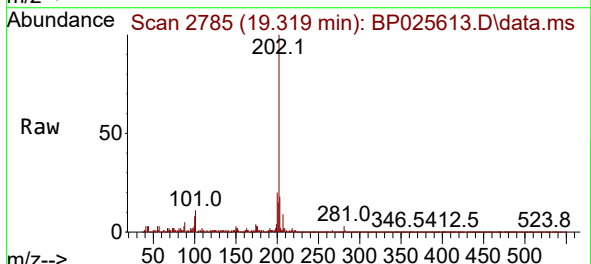
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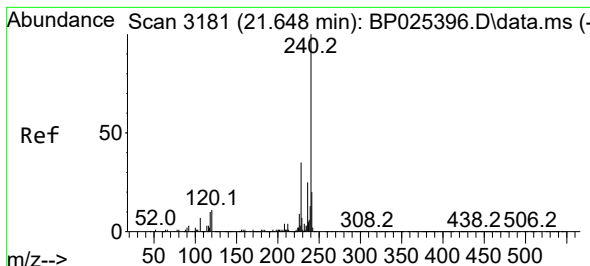
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#75
Fluoranthene
Concen: 3.832 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:202 Resp: 232380
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.1
203 18.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

Instrument :

BNA_P

ClientSampleId :

SU-03-08262025

Tgt Ion:240 Resp: 101471

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

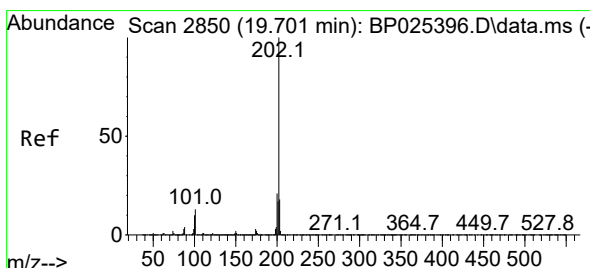
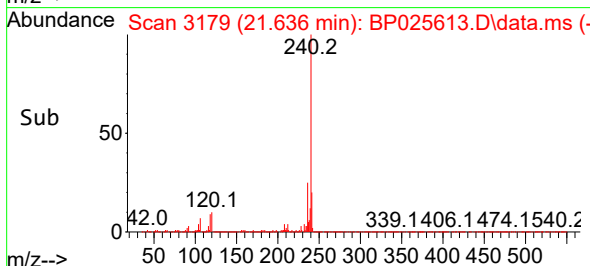
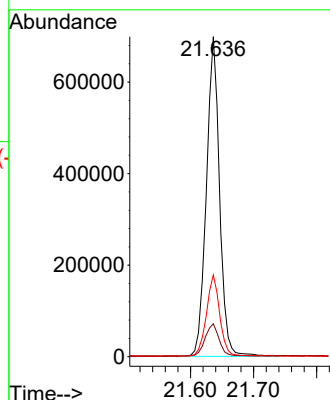
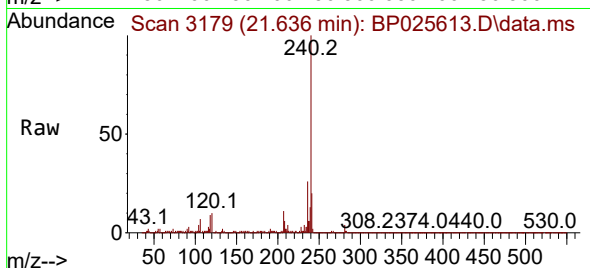
236 25.6 19.8 29.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#78

Pyrene

Concen: 3.279 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

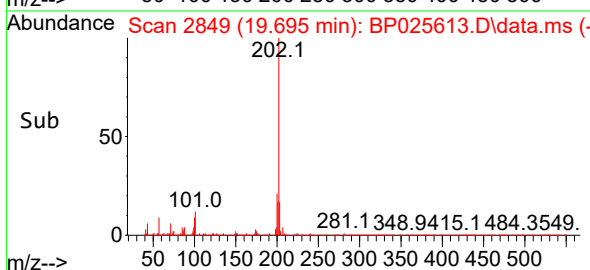
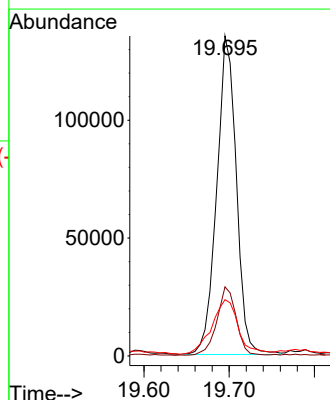
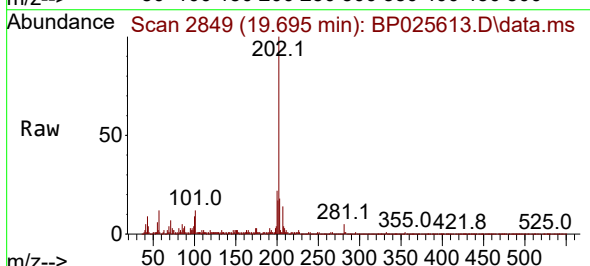
Tgt Ion:202 Resp: 216294

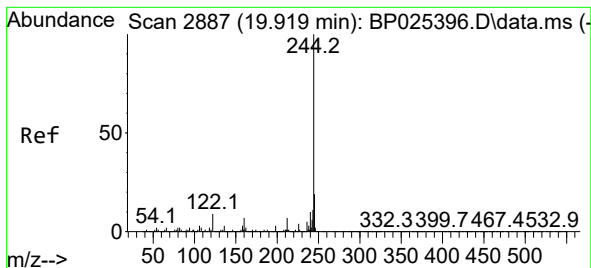
Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 12.772 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

Instrument :

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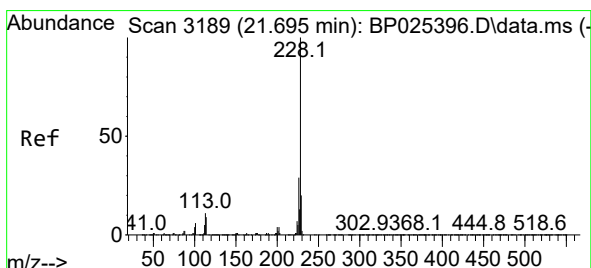
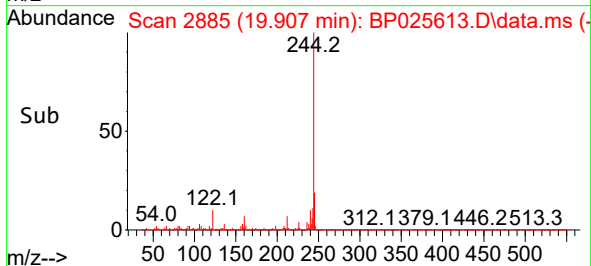
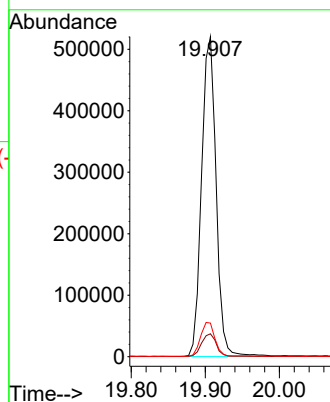
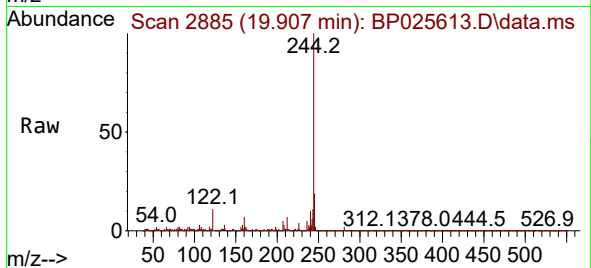
Tgt Ion:244 Resp: 70835
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 7.4 11.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#83

Chrysene

Concen: 2.140 ng m

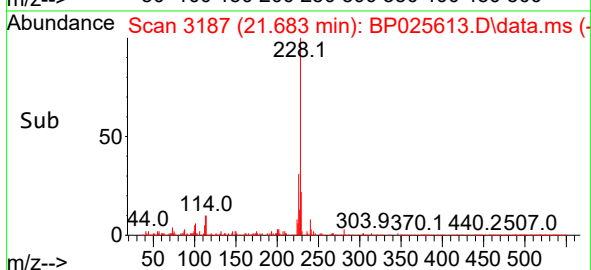
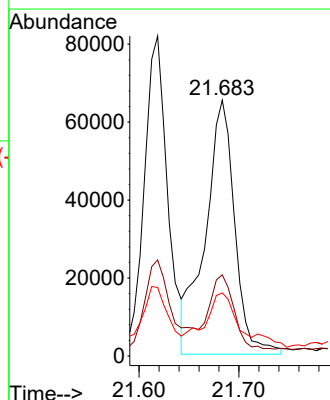
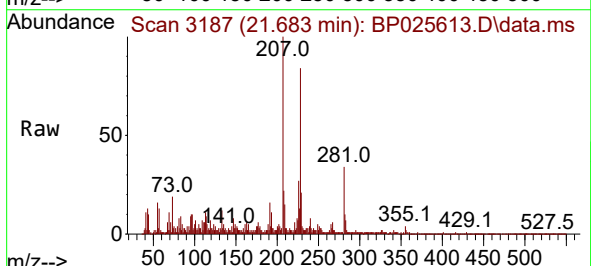
RT: 21.683 min Scan# 3187

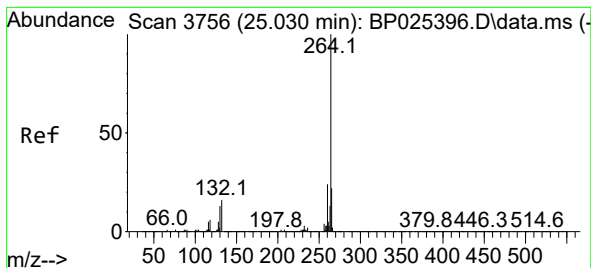
Delta R.T. -0.012 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

Tgt Ion:228 Resp: 134124
 Ion Ratio Lower Upper
 228 100
 226 31.7 23.2 34.8
 229 24.6 15.6 23.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

Instrument :

BNA_P

ClientSampleId :

SU-03-08262025

Tgt Ion:264 Resp: 118291

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

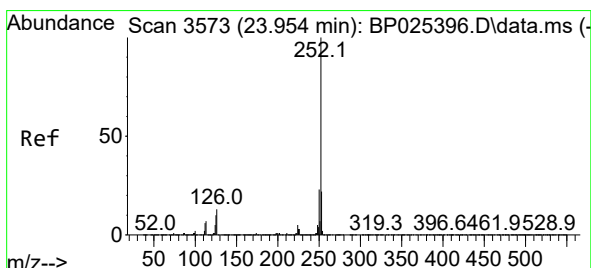
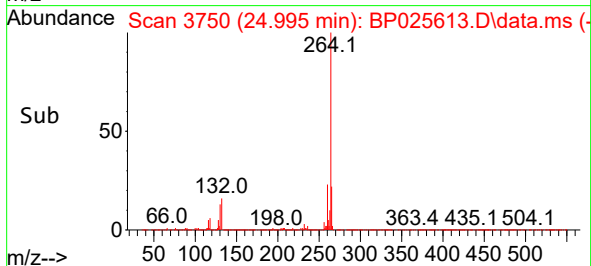
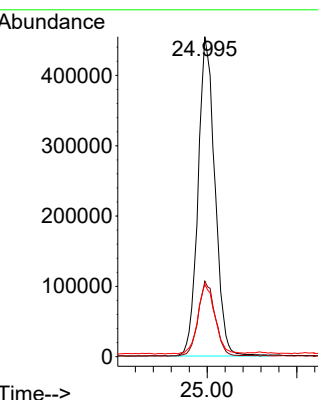
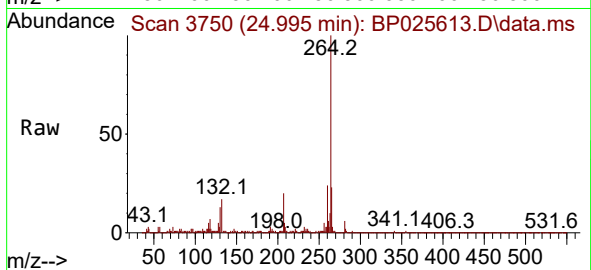
265 22.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 2.258 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.029 min

Lab File: BP025613.D

Acq: 28 Aug 2025 15:57

Tgt Ion:252 Resp: 157512

Ion Ratio Lower Upper

252 100

253 28.3 17.7 26.5#

125 17.7 7.9 11.9#

