

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024717.D
 Acq On : 20 May 2025 21:23
 Operator : RC/JU
 Sample : Q2065-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VACTRUCK-728068

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/21/2025
 Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 21 01:27:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	123516	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	487024	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	353212	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	701501	20.000	ng	-0.01
76) Chrysene-d12	21.504	240	734247	20.000	ng	-0.02
86) Perylene-d12	24.780	264	908700	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	482125	66.762	ng	0.00
7) Phenol-d6	6.864	99	365213	39.625	ng	0.01
23) Nitrobenzene-d5	8.805	82	716251	74.308	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	921383	153.873	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1941565	72.016	ng	0.00
79) Terphenyl-d14	19.798	244	3318004	77.486	ng	-0.01
Target Compounds						Qvalue
22) Acetophenone	8.469	105	58166m	4.781	ng	
27) 2,4-Dimethylphenol	9.634	122	25850	3.527	ng	95
37) 2-Methylnaphthalene	12.087	142	66819	4.089	ng	97
38) 1-Methylnaphthalene	12.304	142	97085m	5.552	ng	

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

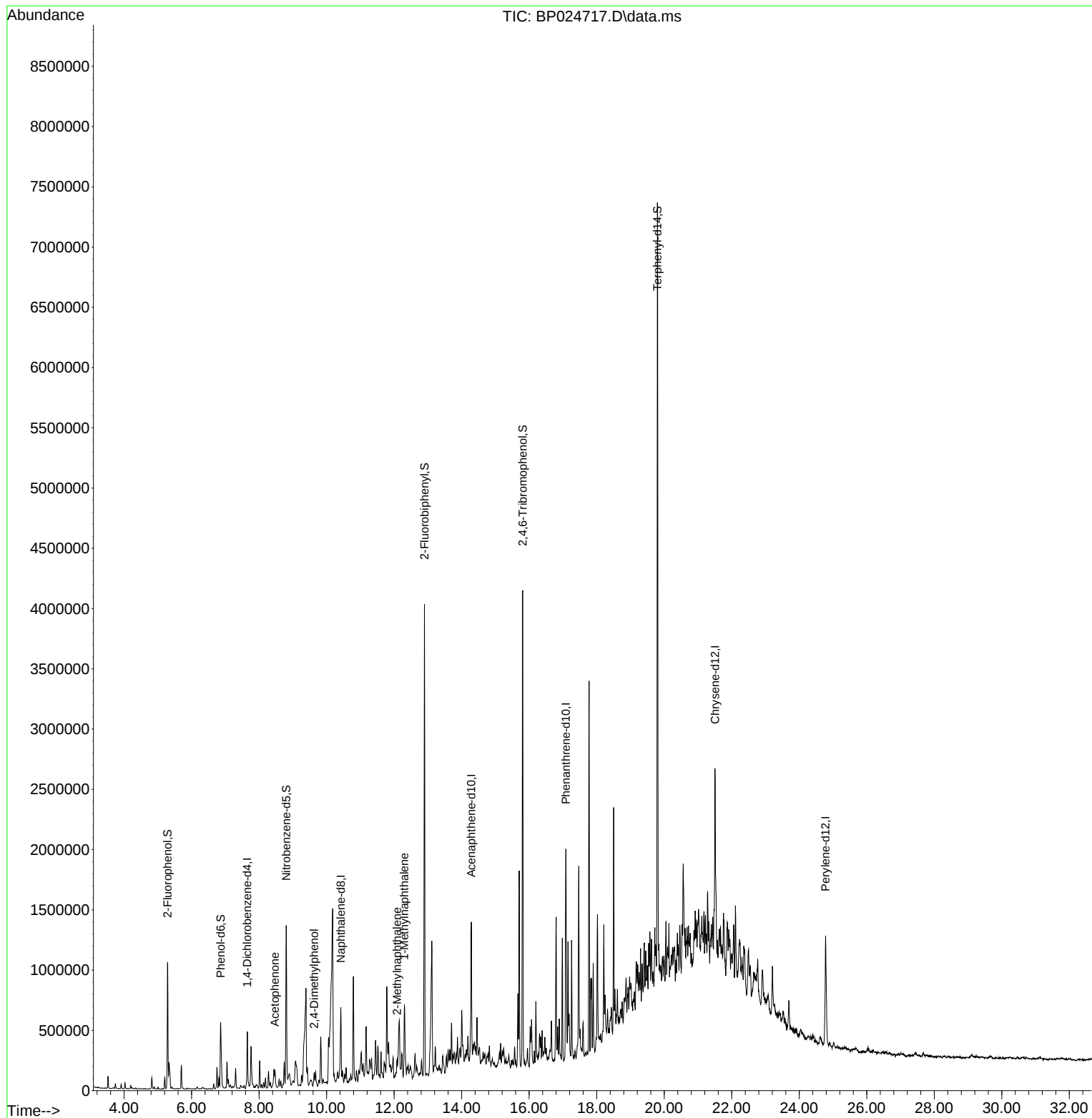
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

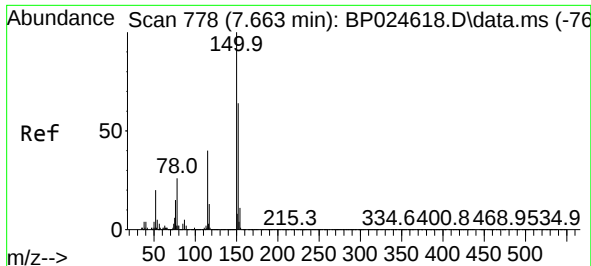
Instrument :
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Quant Time: May 21 01:27:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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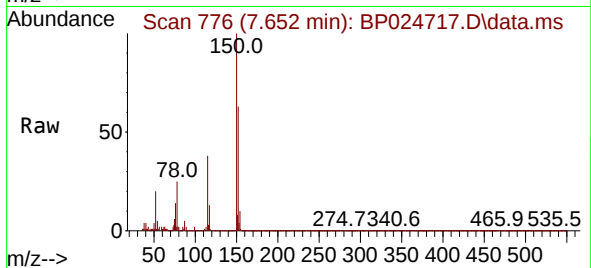
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

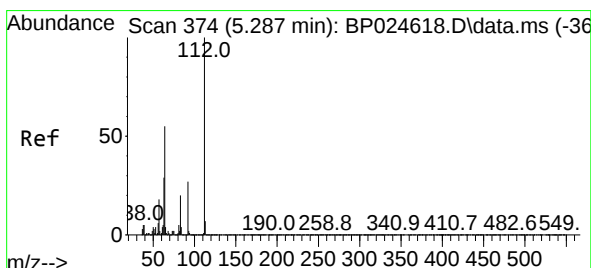
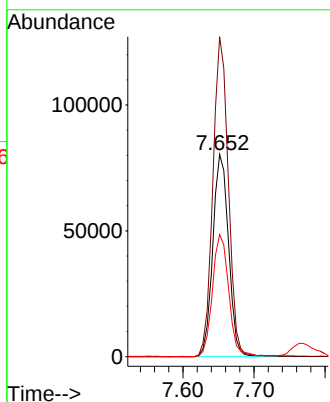
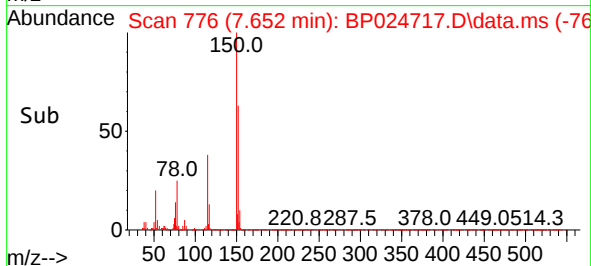
Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068



Tgt Ion:152 Resp: 123510
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 60.5 50.1 75.1

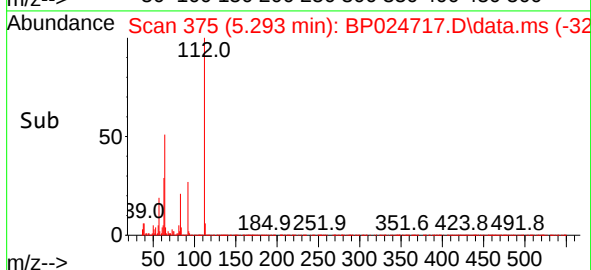
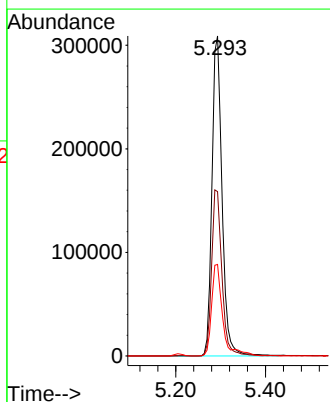
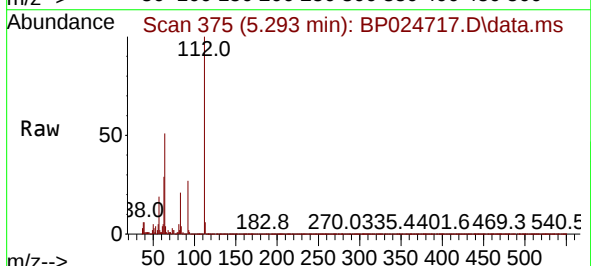
Manual Integrations
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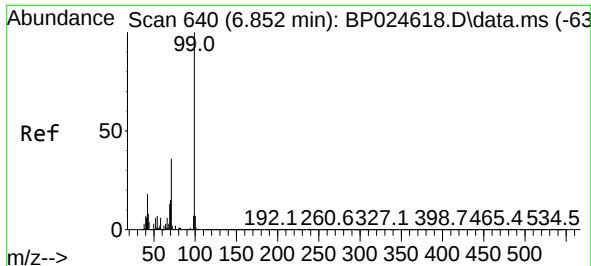
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#5
2-Fluorophenol
Concen: 66.762 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

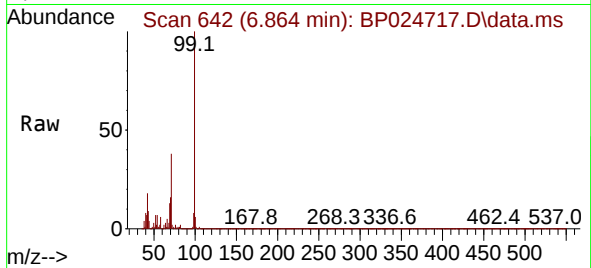
Tgt Ion:112 Resp: 482125
Ion Ratio Lower Upper
112 100
64 51.4 44.1 66.1
63 28.6 23.5 35.3





#7
Phenol-d6
Concen: 39.625 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

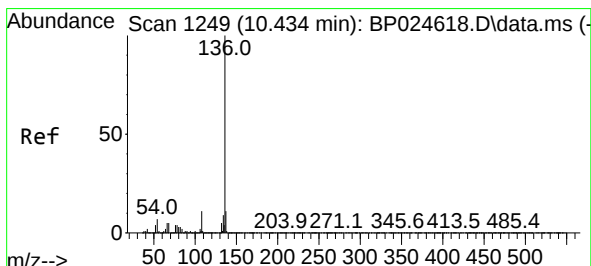
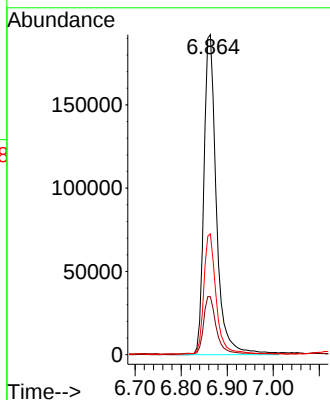
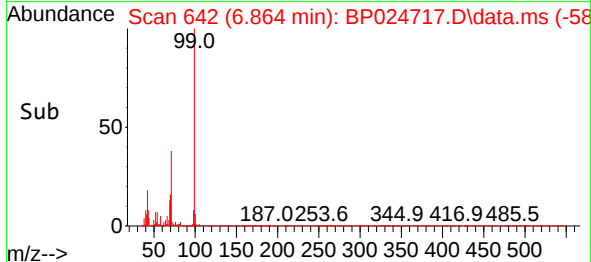
Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068



Tgt Ion: 99 Resp: 365211
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 37.8 29.2 43.8

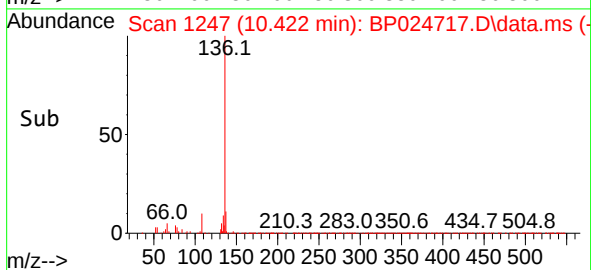
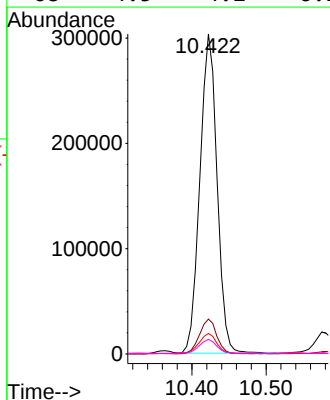
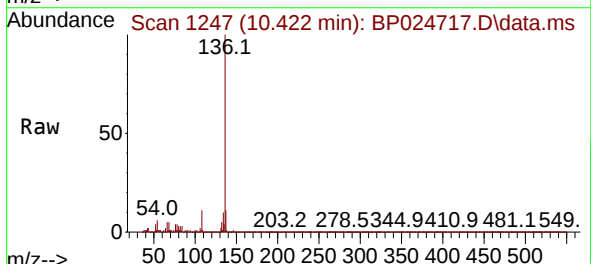
Manual Integrations
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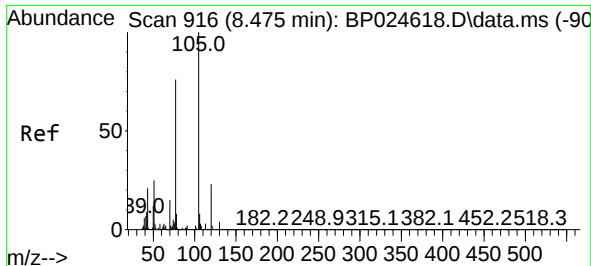
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

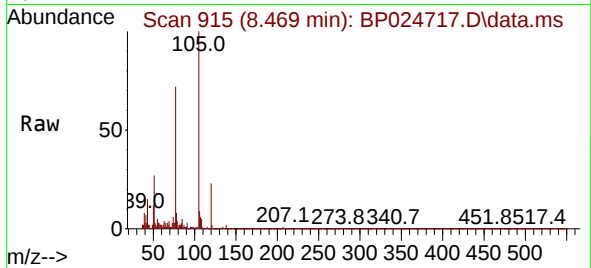
Tgt Ion:136 Resp: 487024
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.5 8.3
68 4.5 4.2 6.2





#22
Acetophenone
Concen: 4.781 ng m
RT: 8.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

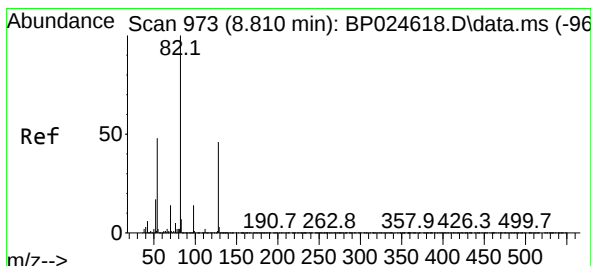
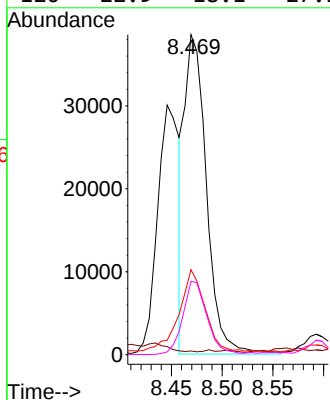
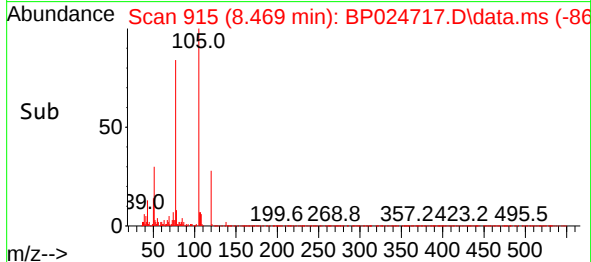
Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068



Tgt Ion: 105 Resp: 58160
Ion Ratio Lower Upper
105 100
71 1.2 2.0 3.0
51 26.5 20.4 30.6
120 22.9 18.1 27.1

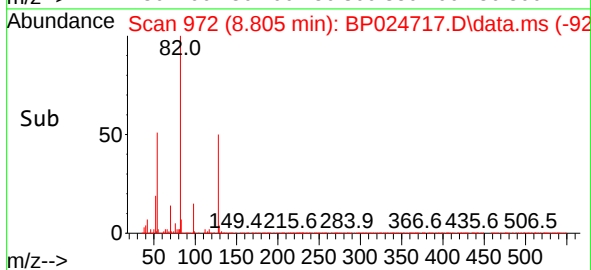
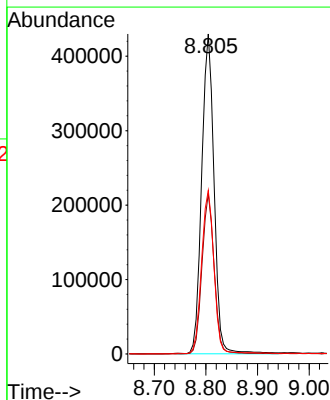
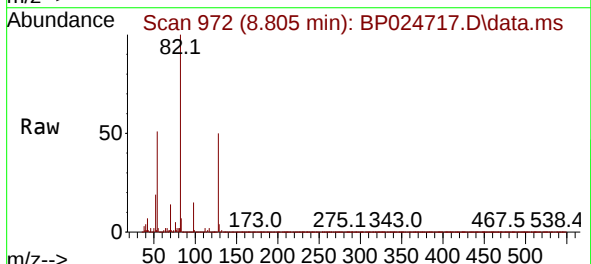
Manual Integrations
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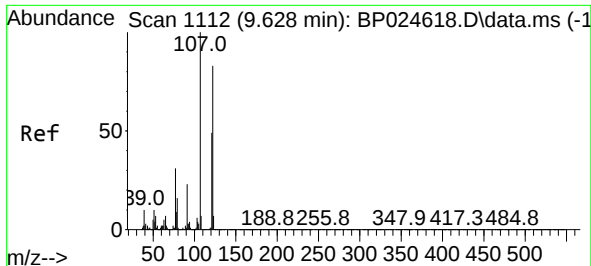
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#23
Nitrobenzene-d5
Concen: 74.308 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

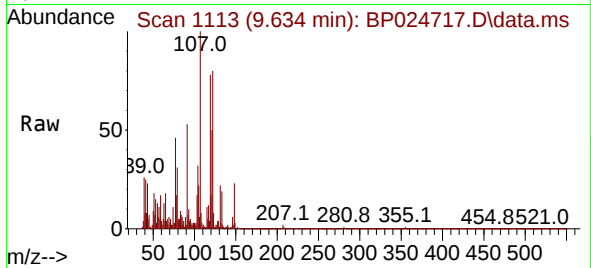
Tgt Ion: 82 Resp: 716251
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 51.1 38.7 58.1





#27
2,4-Dimethylphenol
Concen: 3.527 ng
RT: 9.634 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

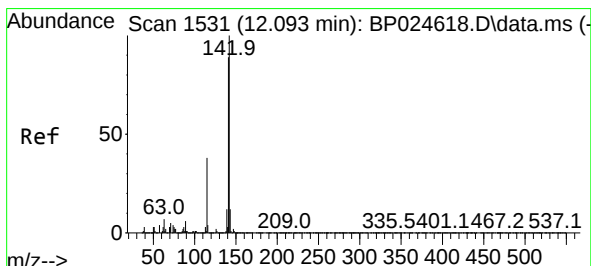
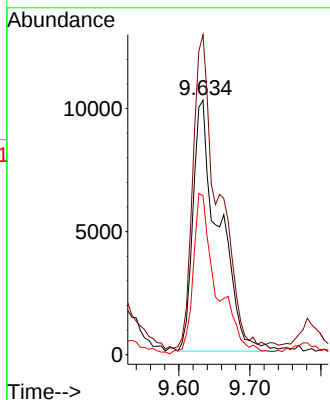
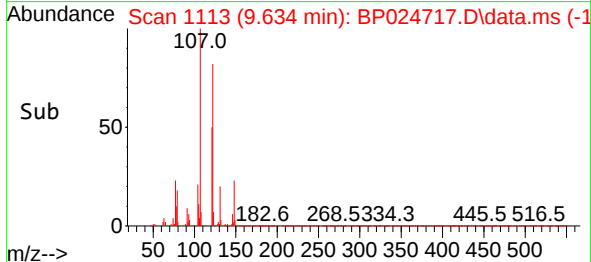
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ClientSampleId :
VACTRUCK-728068



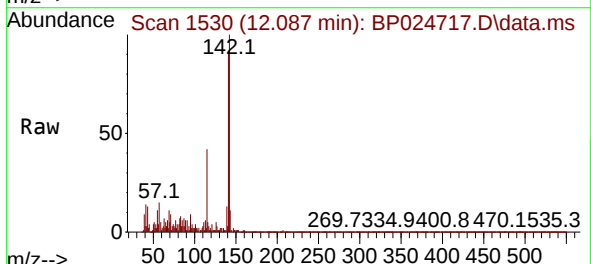
Tgt Ion:122 Resp: 25850
Ion Ratio Lower Upper
122 100
107 125.8 96.2 144.2
121 62.5 47.6 71.4

Manual Integrations
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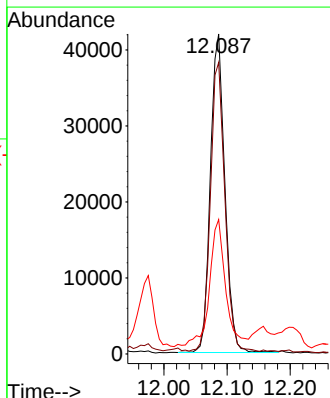
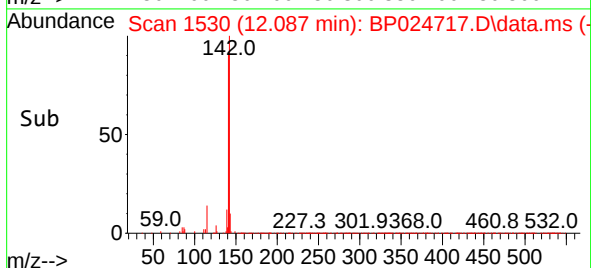
Reviewed By :Rahul Chavli 05/21/2025
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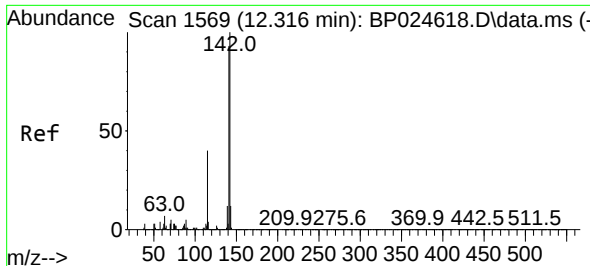


#37
2-Methylnaphthalene
Concen: 4.089 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23



Tgt Ion:142 Resp: 66819
Ion Ratio Lower Upper
142 100
141 91.1 71.2 106.8
115 42.0 30.6 46.0





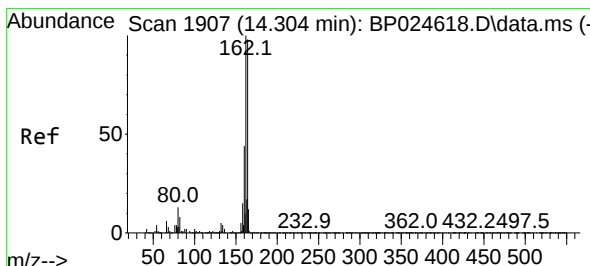
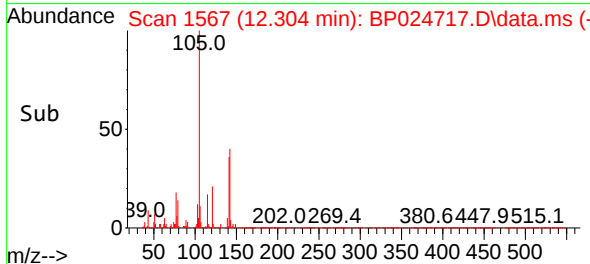
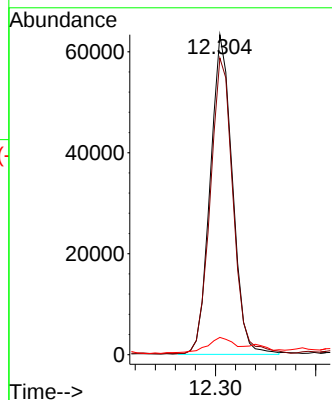
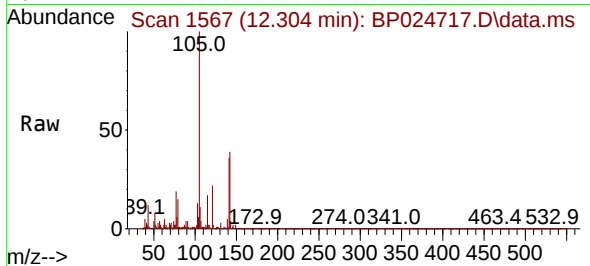
#38
1-Methylnaphthalene
Concen: 5.552 ng m
RT: 12.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:142 Resp: 97085
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 5.4 3.4 5.2

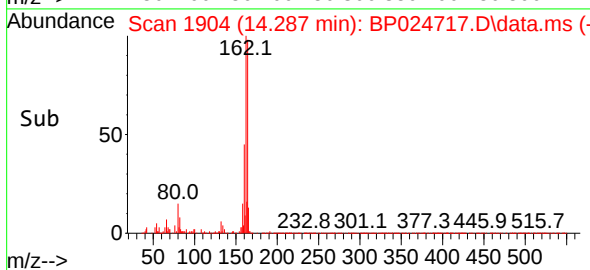
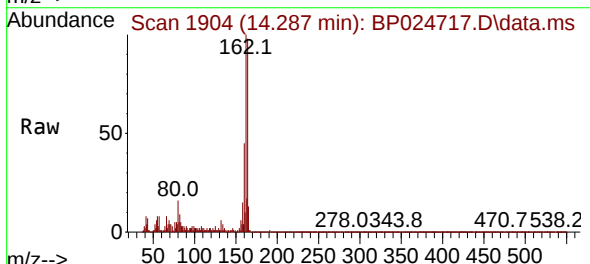
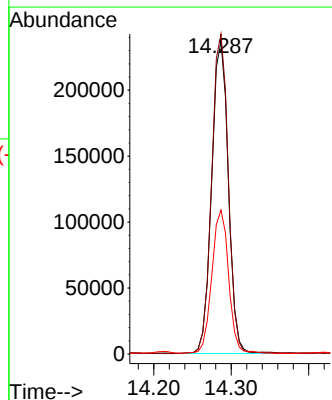
Manual Integrations
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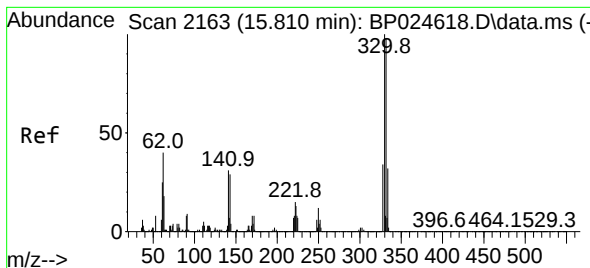
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

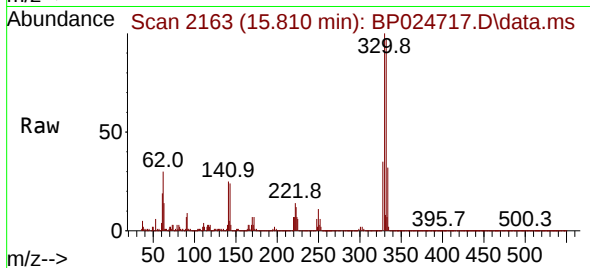
Tgt Ion:164 Resp: 353212
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 46.0 36.3 54.5





#42
2,4,6-Tribromophenol
Concen: 153.873 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

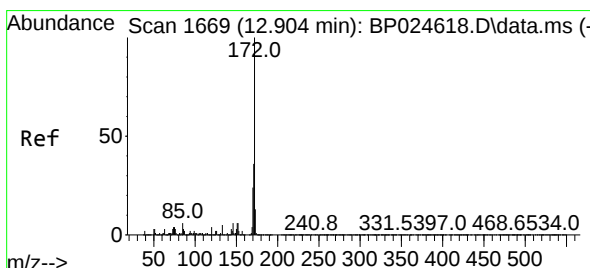
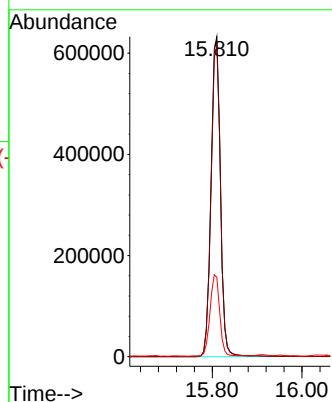
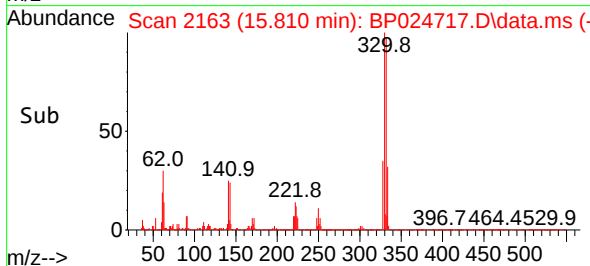
Instrument :
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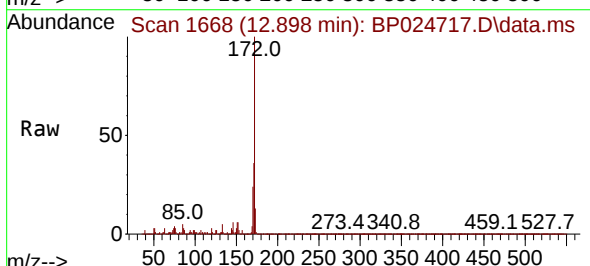
Tgt Ion: 330 Resp: 92138
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 26.2 24.3 36.5

Manual Integrations
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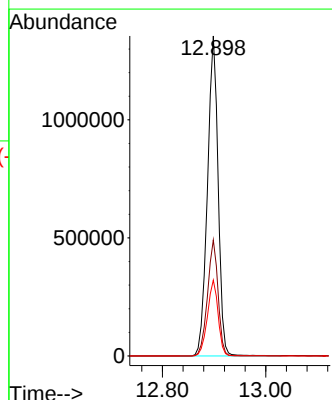
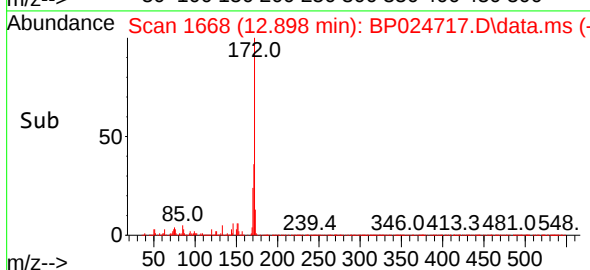
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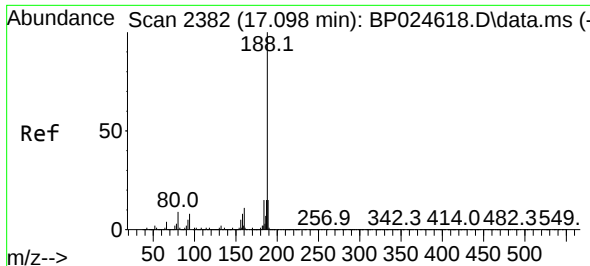


#45
2-Fluorobiphenyl
Concen: 72.016 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23



Tgt Ion: 172 Resp: 1941565
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.7 18.8 28.2





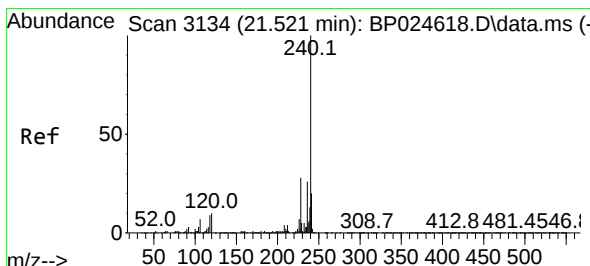
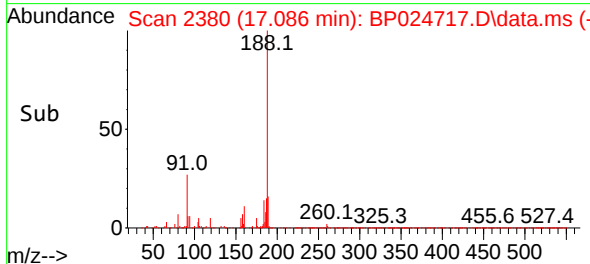
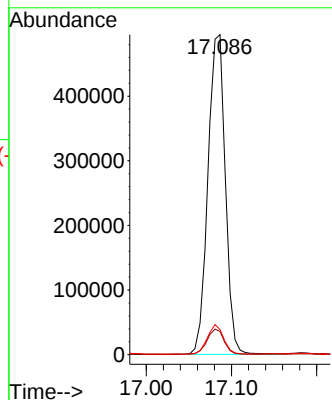
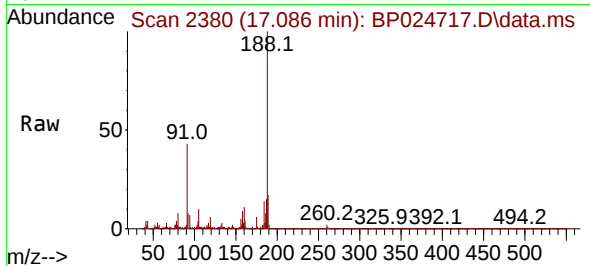
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:188 Resp: 70150
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.9 7.3 10.9

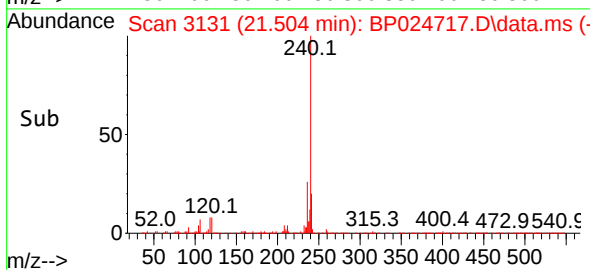
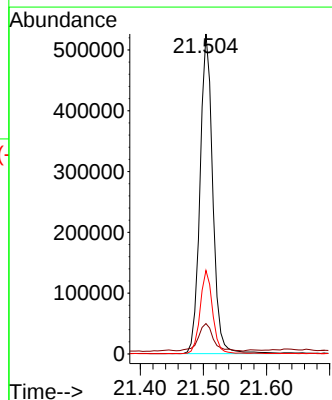
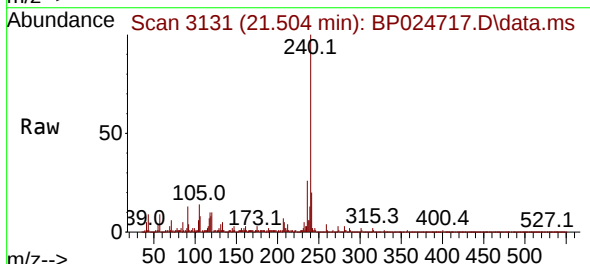
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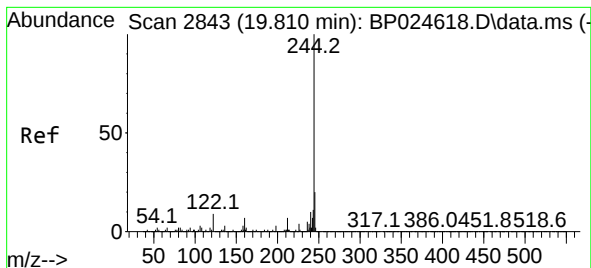
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:240 Resp: 734247
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 77.486 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024717.D

Acq: 20 May 2025 21:23

Instrument :

BNA_P

ClientSampleId :

VACTRUCK-728068

Tgt Ion:244 Resp: 331800

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

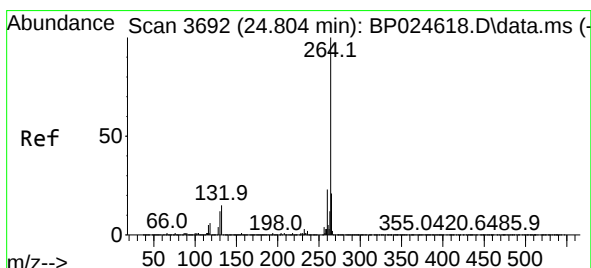
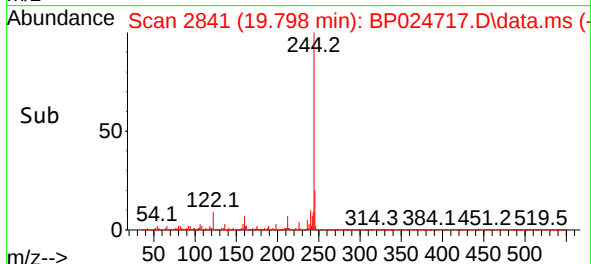
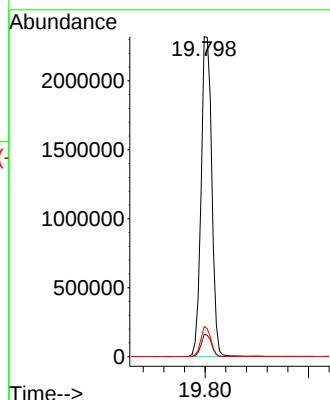
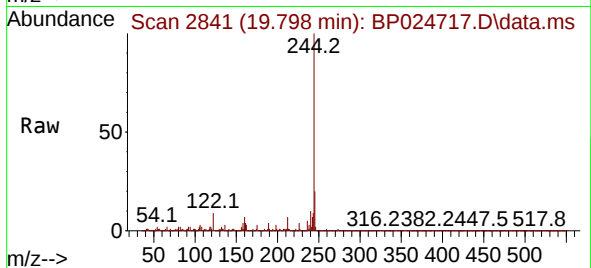
122 9.4 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/21/2025

Supervised By :Jagrut Upadhyay 05/21/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024717.D

Acq: 20 May 2025 21:23

Tgt Ion:264 Resp: 908700

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.1 17.0 25.6

