

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025506.D
 Acq On : 20 Aug 2025 13:30
 Operator : CG/JU
 Sample : Q2888-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-210

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Quant Time: Aug 20 14:11:35 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	164142	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	615631	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	378118	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	712747	20.000	ng	0.00
76) Chrysene-d12	21.630	240	798396	20.000	ng	-0.02
86) Perylene-d12	25.001	264	966395	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	610217	61.738	ng	0.00
7) Phenol-d6	6.960	99	771351	60.870	ng	0.00
23) Nitrobenzene-d5	8.925	82	503870	41.402	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	310039	60.917	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1121777	40.546	ng	0.00
79) Terphenyl-d14	19.924	244	1682416	38.554	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.242	149	66923	2.379	ng	97
71) Phenanthrene	17.236	178	339988	8.683	ng	99
74) Di-n-butylphthalate	18.207	149	97933	2.114	ng	97
75) Fluoranthene	19.319	202	1056486	22.621	ng	99
78) Pyrene	19.695	202	943378	18.179	ng	99
81) Benzo(a)anthracene	21.613	228	468047	8.889	ng	99
83) Chrysene	21.683	228	638830	12.955	ng	97
87) Indeno(1,2,3-cd)pyrene	28.824	276	490574	6.922	ng	# 91
88) Benzo(b)fluoranthene	23.954	252	926354	16.256	ng	98
89) Benzo(k)fluoranthene	24.012	252	345635m	6.061	ng	
90) Benzo(a)pyrene	24.848	252	555901	10.021	ng	100
91) Dibenzo(a,h)anthracene	28.895	278	122399m	2.113	ng	
92) Benzo(g,h,i)perylene	29.994	276	481691	8.461	ng	98

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

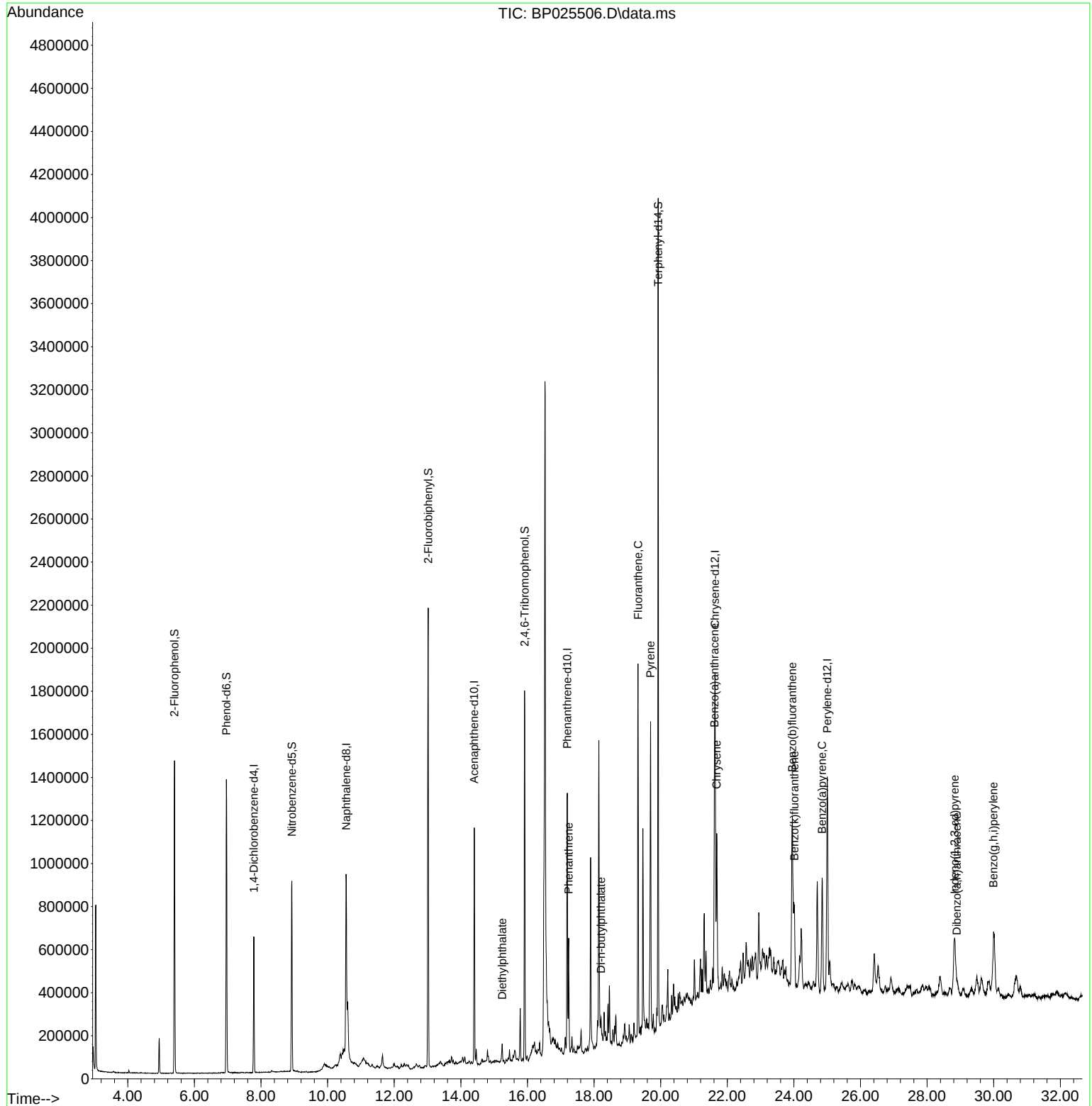
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025506.D
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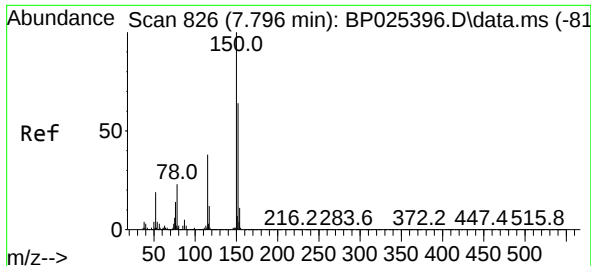
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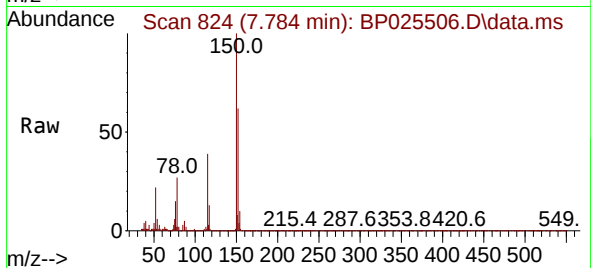
Quant Time: Aug 20 14:11:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

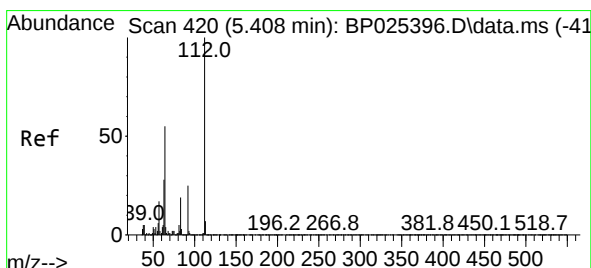
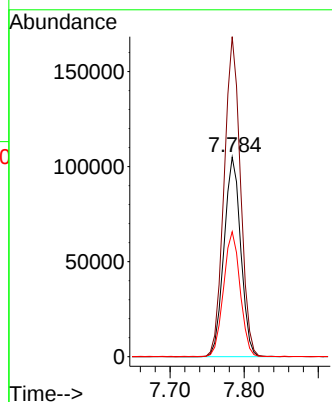
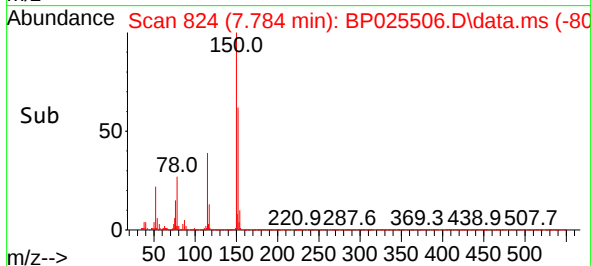
Instrument :
BNA_P
ClientSampleId :
VNJ-210



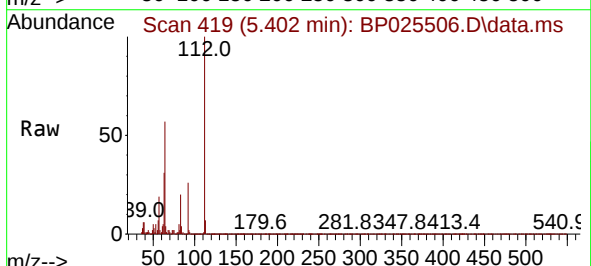
Tgt Ion:152 Resp: 16414
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 62.6 48.5 72.7

Manual Integrations
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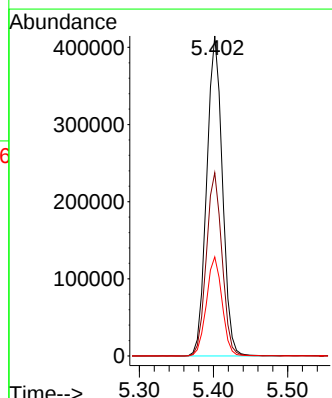
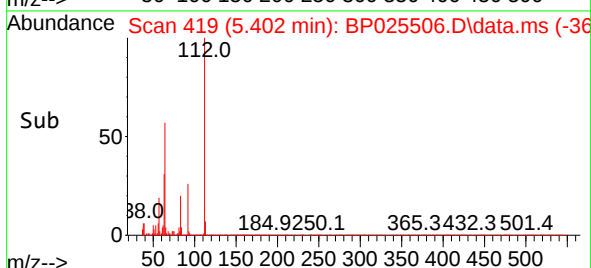
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

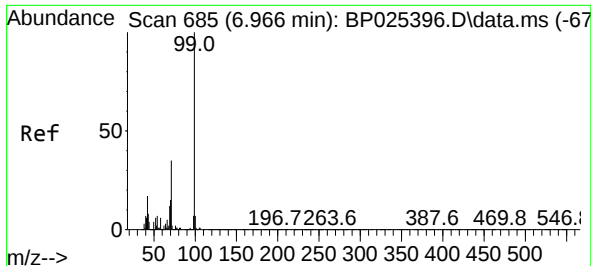


#5
2-Fluorophenol
Concen: 61.738 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30



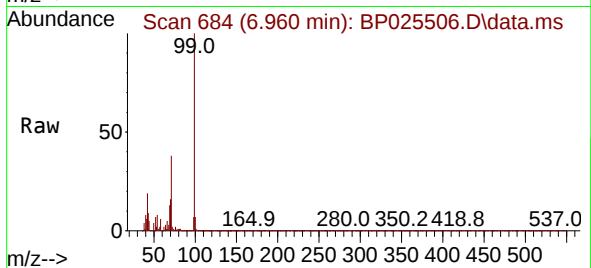
Tgt Ion:112 Resp: 610217
Ion Ratio Lower Upper
112 100
64 57.2 43.8 65.8
63 31.0 22.7 34.1





#7
Phenol-d6
Concen: 60.870 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

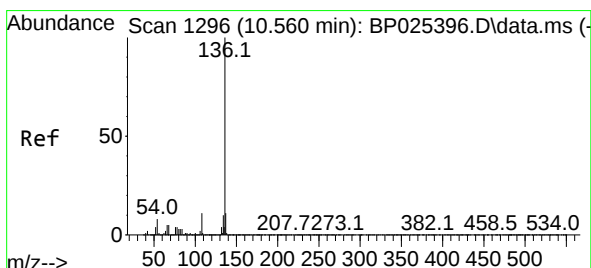
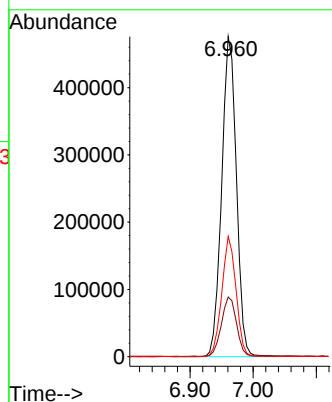
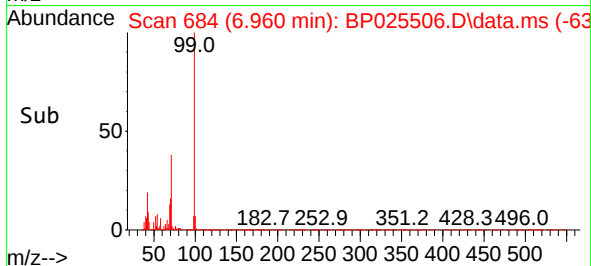
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 77135
Ion Ratio Lower Upper
99 100
42 18.7 13.7 20.5
71 37.5 28.2 42.4

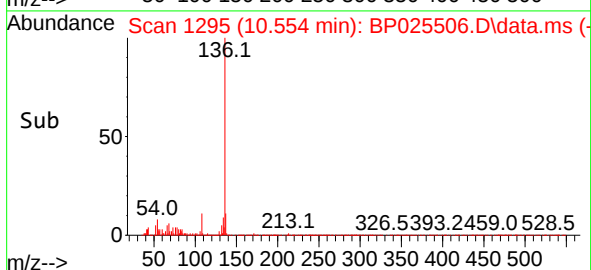
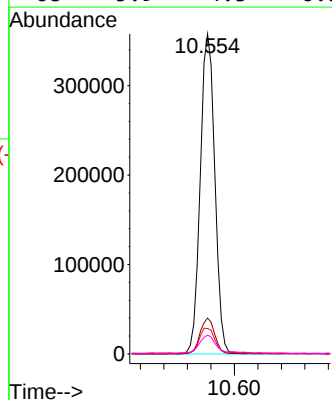
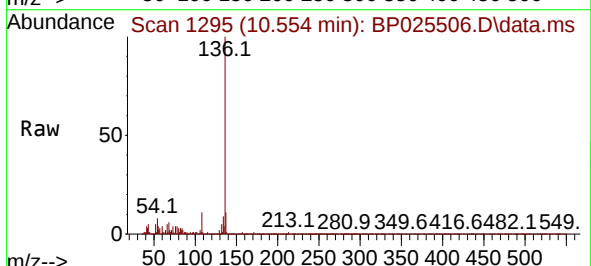
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

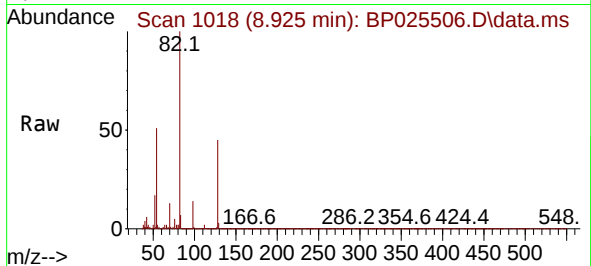
Tgt Ion:136 Resp: 615631
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.0 6.0 9.0
68 5.9 4.3 6.5





#23
Nitrobenzene-d5
Concen: 41.402 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

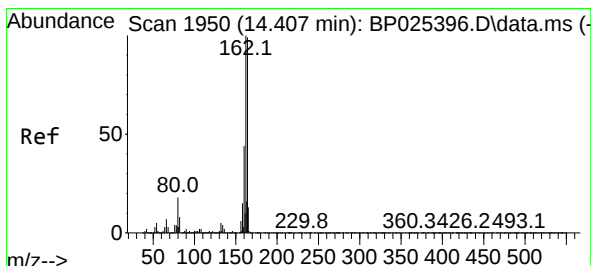
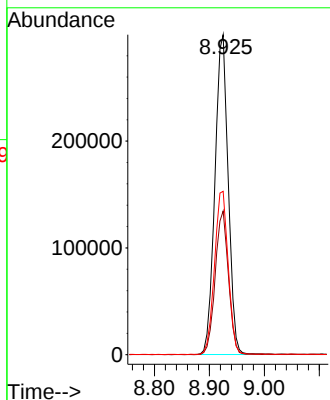
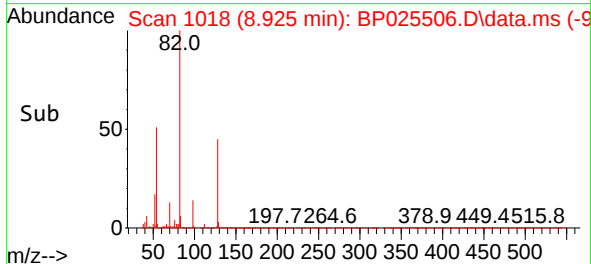
Instrument :
BNA_P
ClientSampleId :
VNJ-210



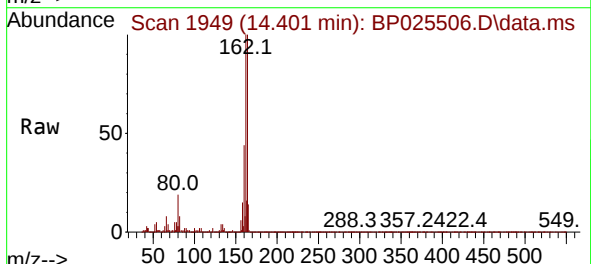
Tgt Ion: 82 Resp: 503870
Ion Ratio Lower Upper
82 100
128 44.9 37.7 56.5
54 51.0 39.8 59.6

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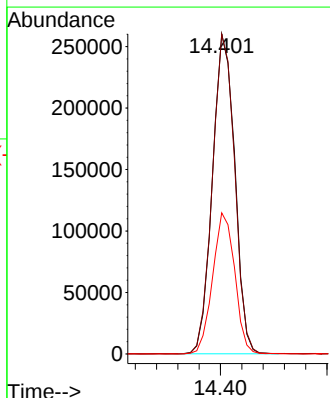
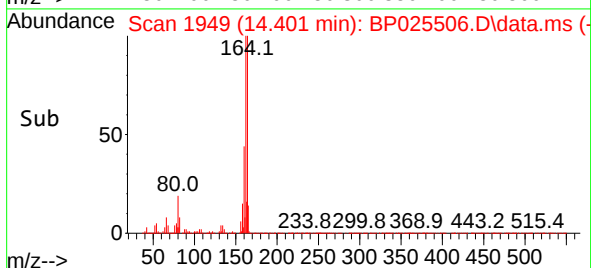
Reviewed By :Rahul Chavli 08/21/2025
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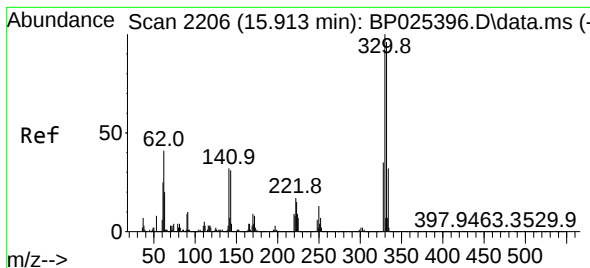


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30



Tgt Ion:164 Resp: 378118
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 44.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 60.917 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

Instrument :

BNA_P

ClientSampleId :

VNJ-210

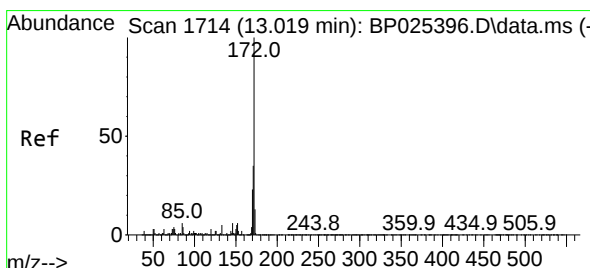
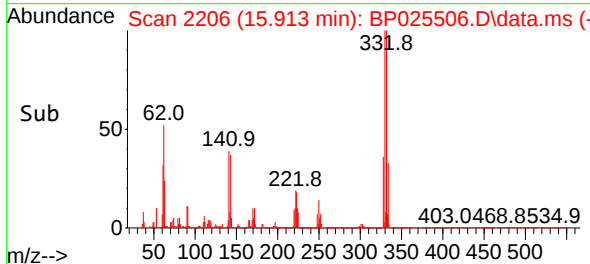
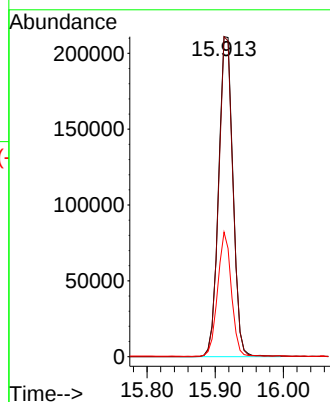
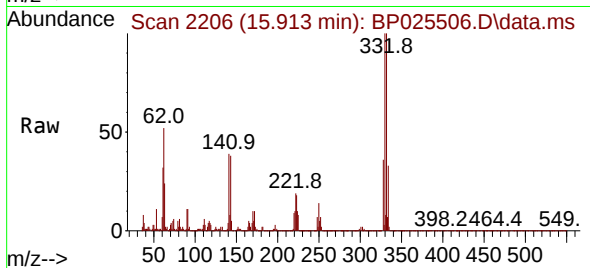
Tgt Ion:	330	Resp:	310039
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.3	115.9
141	37.1	26.6	39.8

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#45

2-Fluorobiphenyl

Concen: 40.546 ng

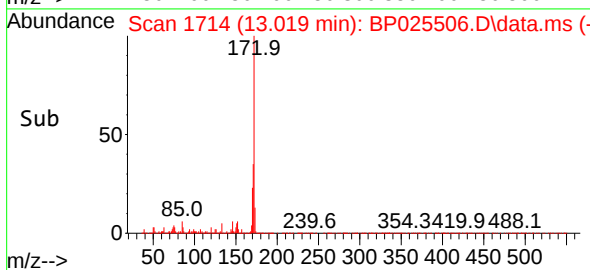
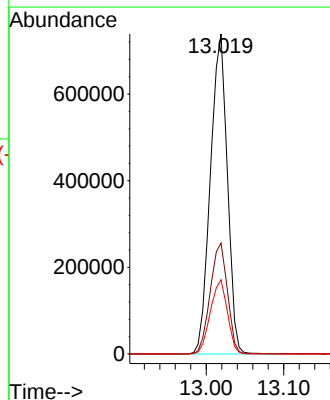
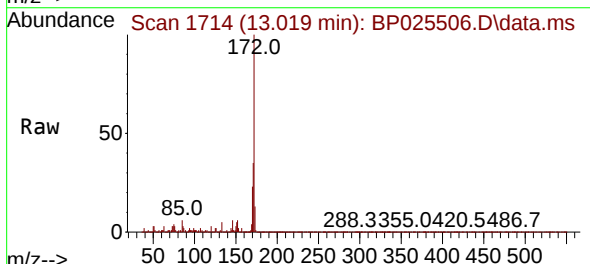
RT: 13.019 min Scan# 1714

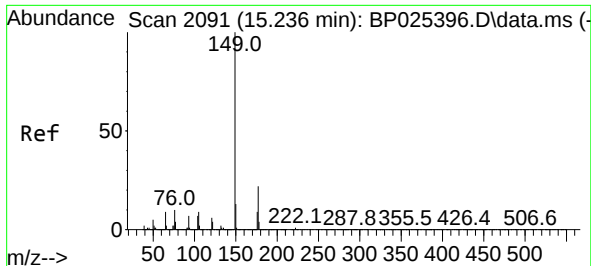
Delta R.T. 0.000 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

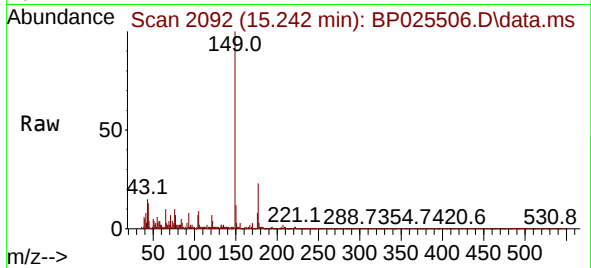
Tgt Ion:	172	Resp:	1121777
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.1	42.1
170	23.2	18.6	28.0





#60
Diethylphthalate
Concen: 2.379 ng
RT: 15.242 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

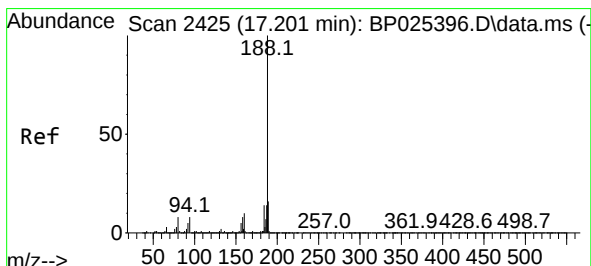
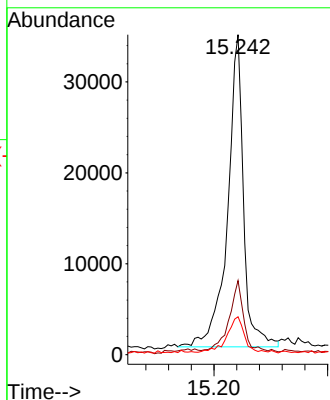
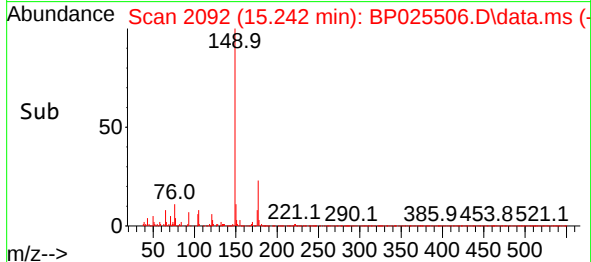
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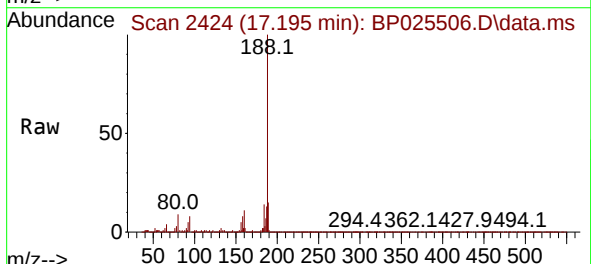
Tgt Ion:149 Resp: 6692
Ion Ratio Lower Upper
149 100
177 23.2 17.3 25.9
150 11.8 10.3 15.5

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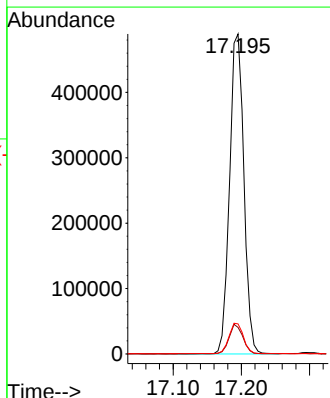
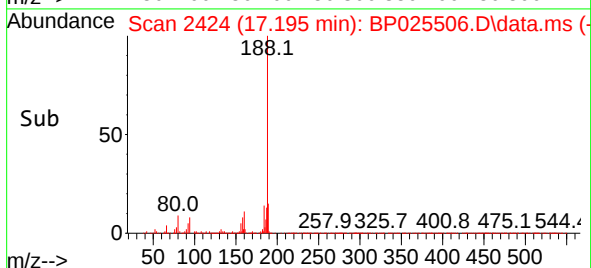
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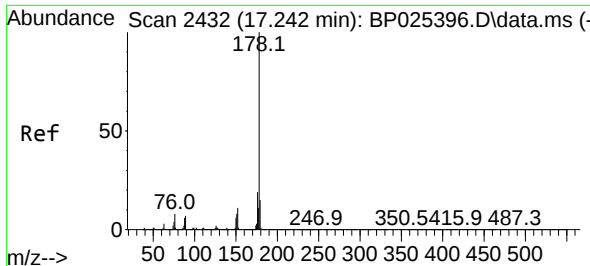


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30



Tgt Ion:188 Resp: 712747
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.4 6.7 10.1





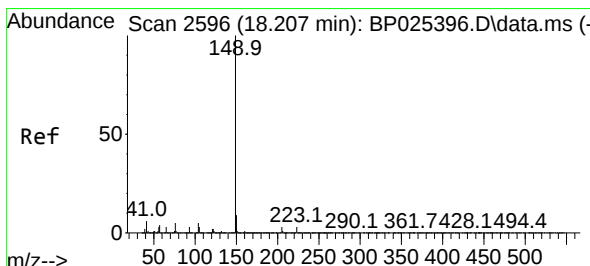
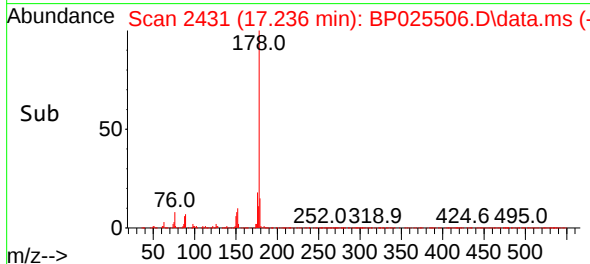
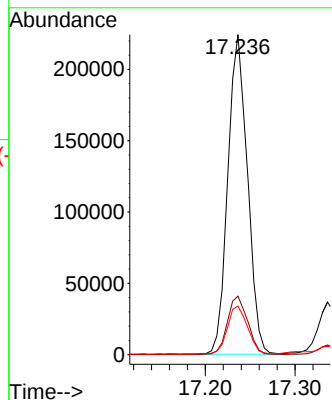
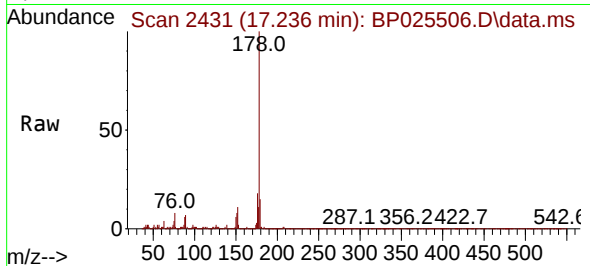
#71
Phenanthrene
Concen: 8.683 ng
RT: 17.236 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

Instrument :
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ClientSampleId :
VNJ-210

Tgt Ion:178 Resp: 339988
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.2 12.2 18.4

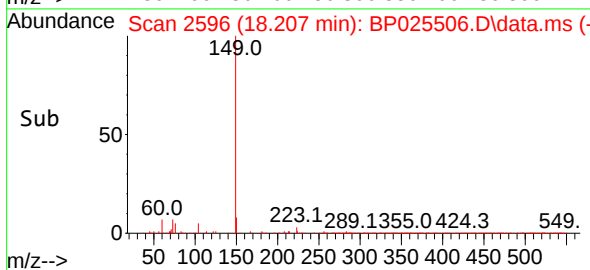
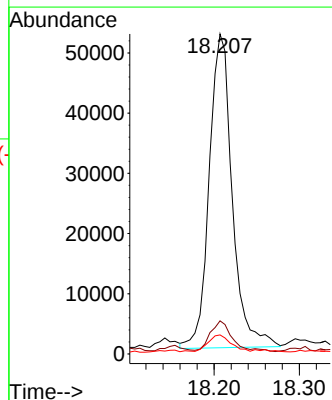
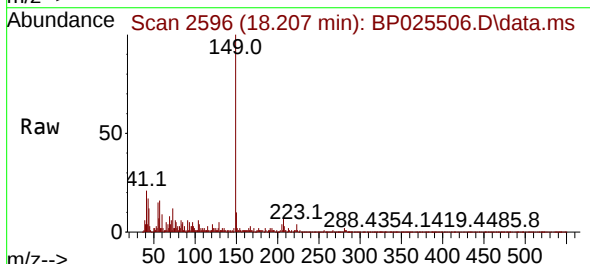
Manual Integrations
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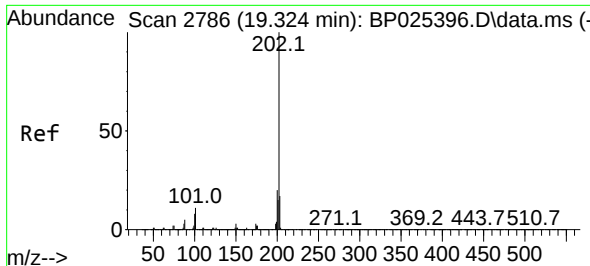
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#74
Di-n-butylphthalate
Concen: 2.114 ng
RT: 18.207 min Scan# 2596
Delta R.T. -0.000 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

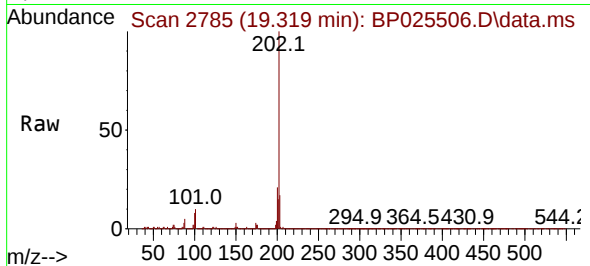
Tgt Ion:149 Resp: 97933
Ion Ratio Lower Upper
149 100
150 10.3 7.4 11.0
104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 22.621 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

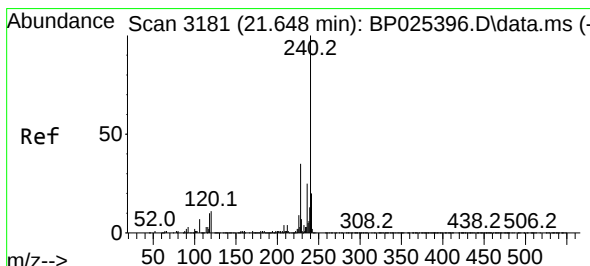
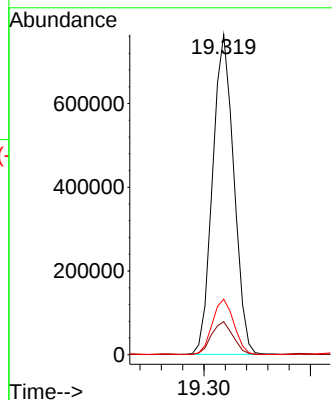
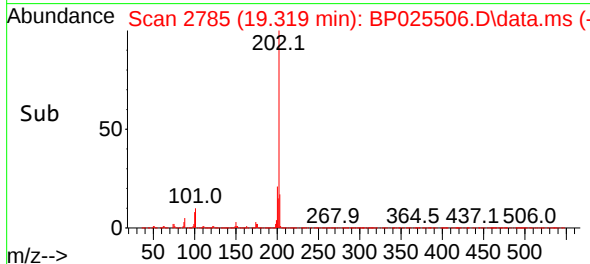
Instrument :
BNA_P
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Tgt Ion:202 Resp: 1056480
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.4 0.0 37.3

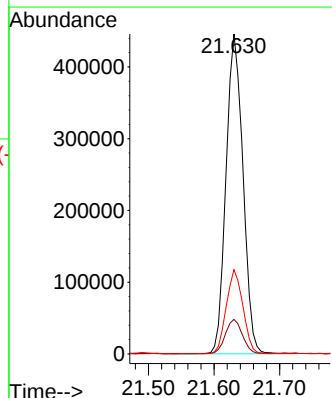
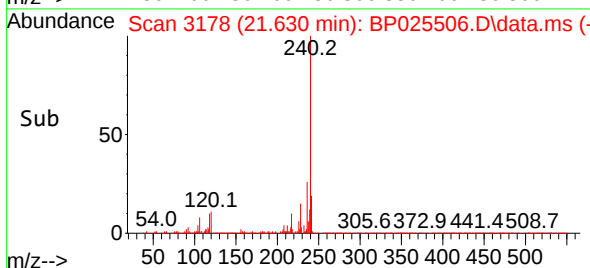
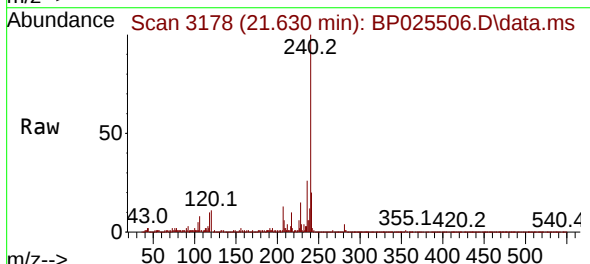
Manual Integrations
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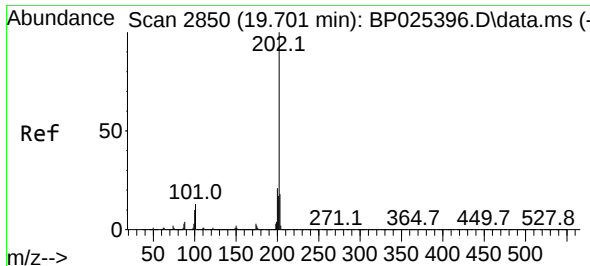
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

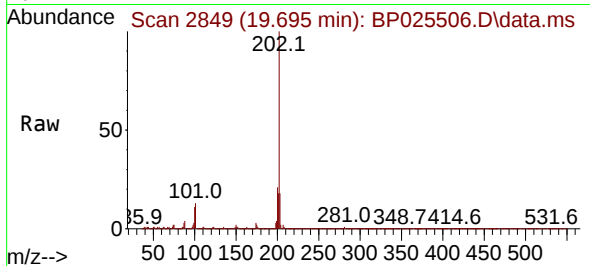
Tgt Ion:240 Resp: 798396
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.3 19.8 29.8





#78
Pyrene
Concen: 18.179 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

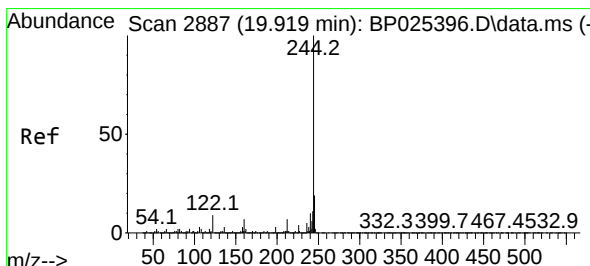
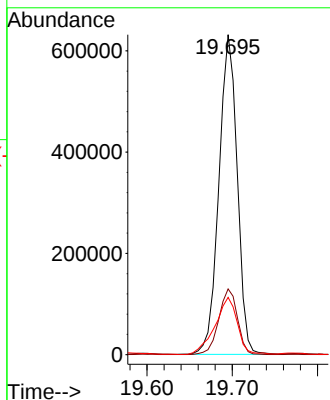
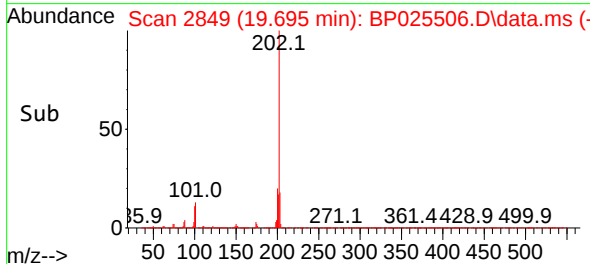
Instrument :
BNA_P
ClientSampleId :
VNJ-210



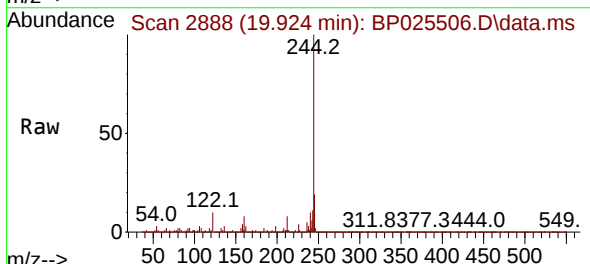
Tgt Ion:202 Resp: 943378
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.9 14.2 21.2

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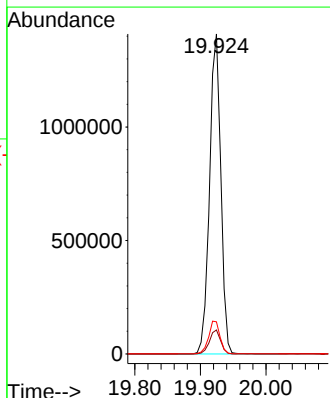
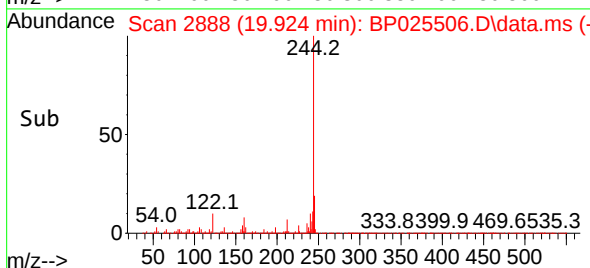
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

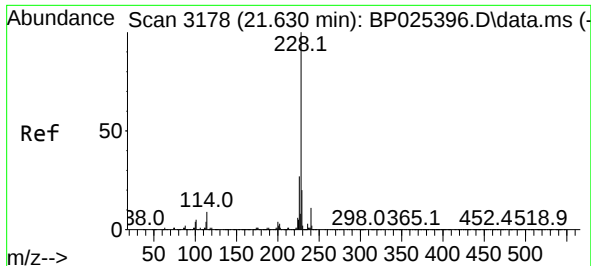


#79
Terphenyl-d14
Concen: 38.554 ng
RT: 19.924 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30



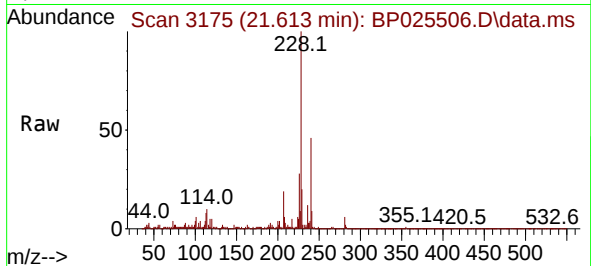
Tgt Ion:244 Resp: 1682416
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.1 7.4 11.2





#81
Benzo(a)anthracene
Concen: 8.889 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

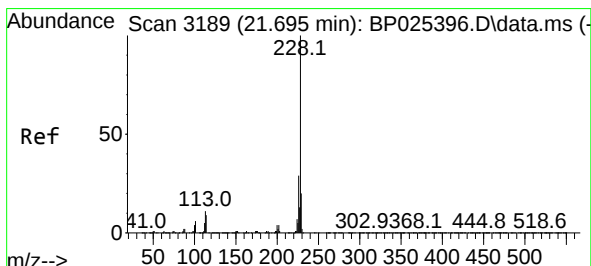
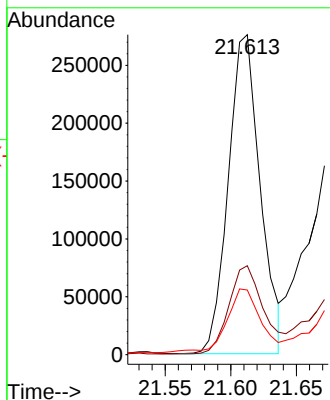
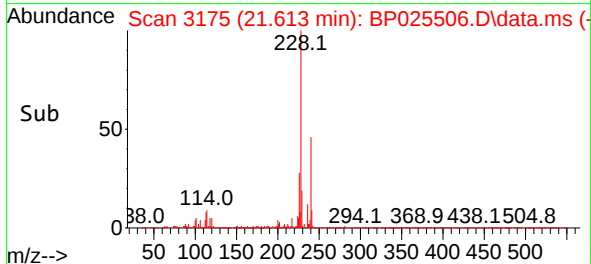
Instrument :
BNA_P
ClientSampleId :
VNJ-210



Tgt Ion:228 Resp: 46804
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.2 15.6 23.4

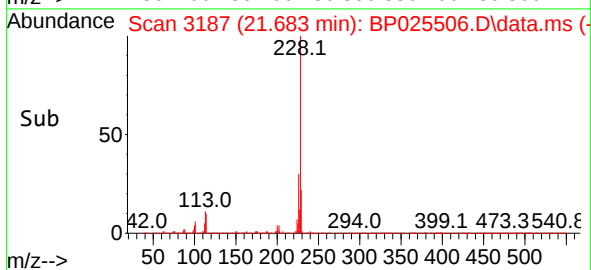
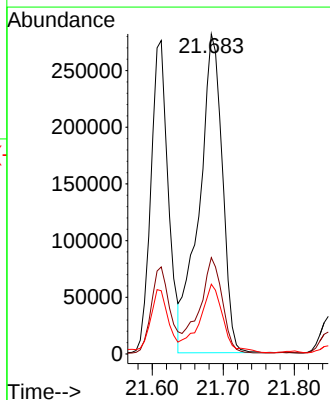
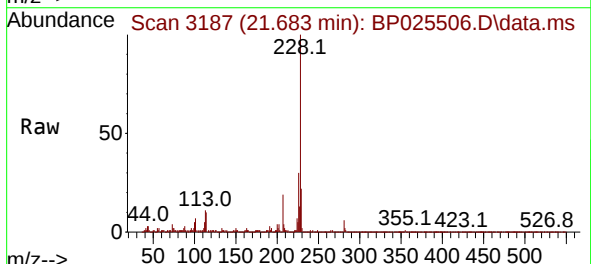
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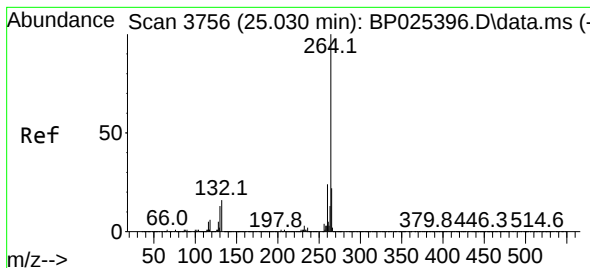
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#83
Chrysene
Concen: 12.955 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.012 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

Tgt Ion:228 Resp: 638830
Ion Ratio Lower Upper
228 100
226 30.1 23.2 34.8
229 21.8 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

Instrument :

BNA_P

ClientSampleId :

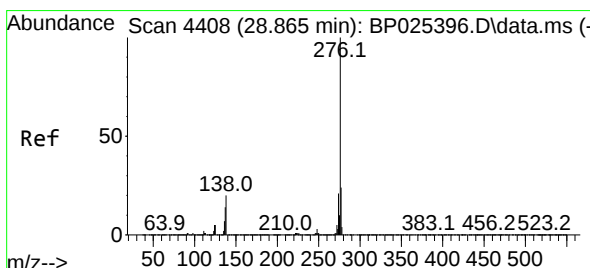
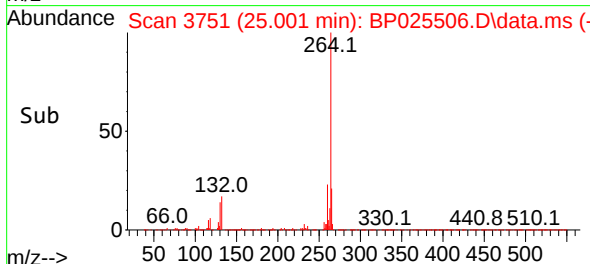
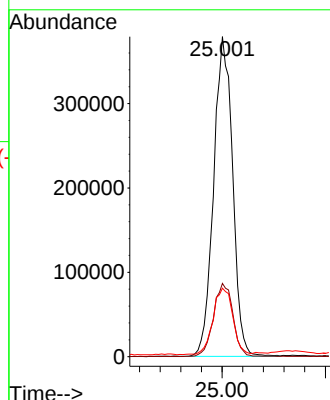
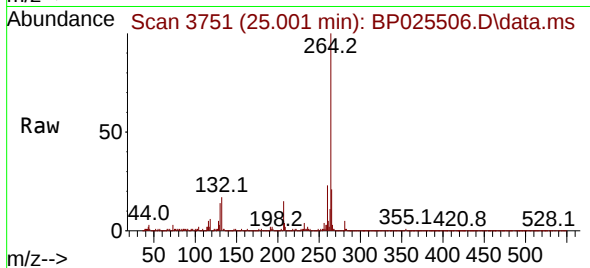
VNJ-210

Tgt Ion:	264	Resp:	96639
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.3	28.9
265	21.4	17.4	26.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.922 ng

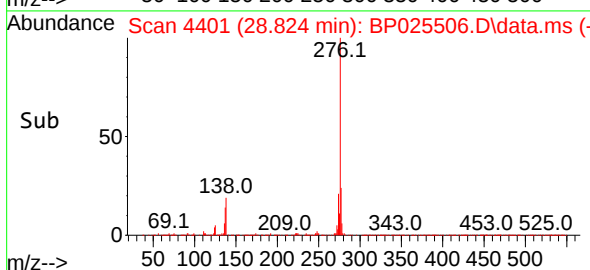
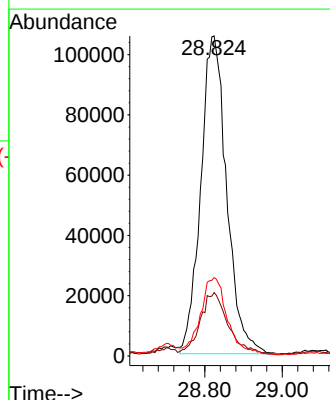
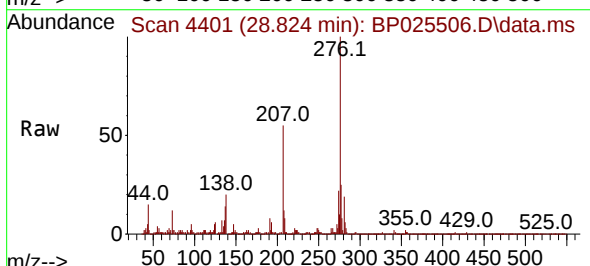
RT: 28.824 min Scan# 4401

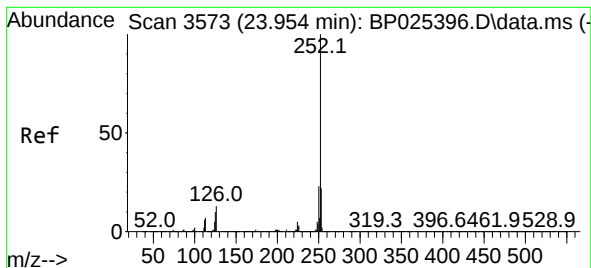
Delta R.T. -0.041 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

Tgt Ion:	276	Resp:	490574
Ion Ratio	Lower	Upper	
276	100		
138	20.6	12.9	19.3
277	25.2	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 16.256 ng

RT: 23.954 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

Instrument :

BNA_P

ClientSampleId :

VNJ-210

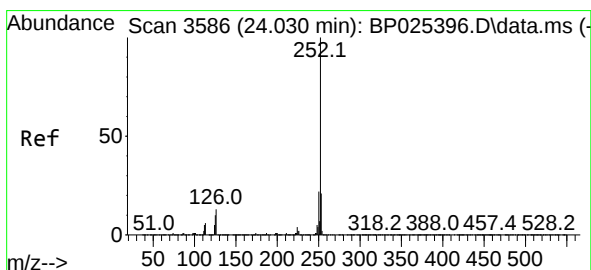
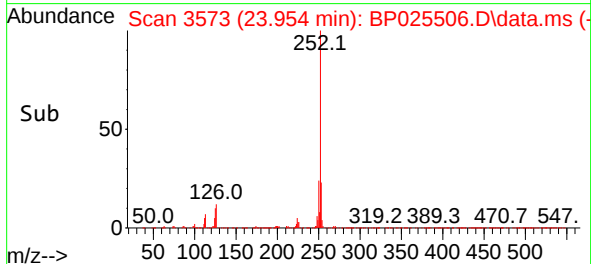
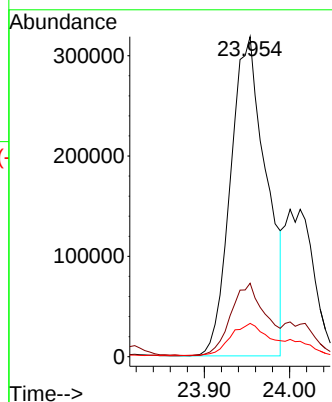
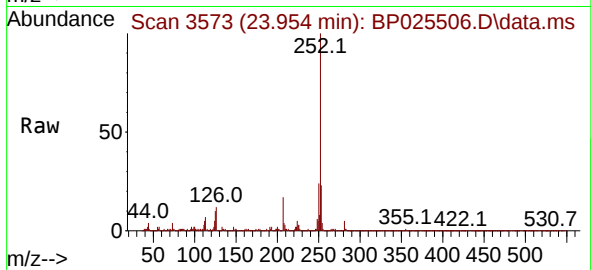
Tgt Ion:252 Resp: 926354
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.7 26.5
 125 10.4 7.9 11.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/21/2025

Supervised By :mohammad ahmed 08/22/2025



#89

Benzo(k)fluoranthene

Concen: 6.061 ng m

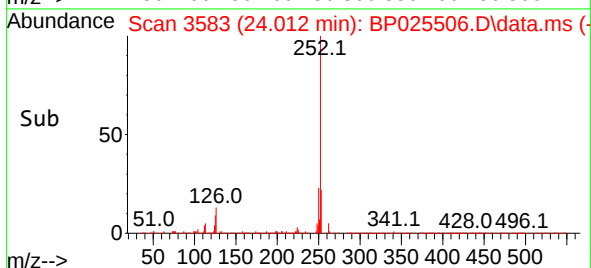
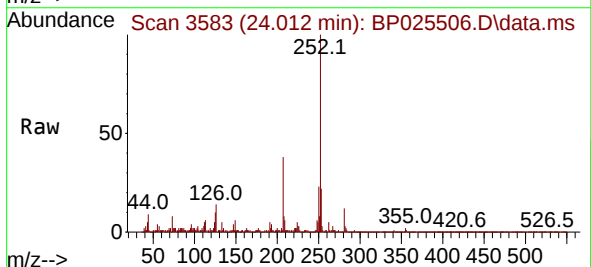
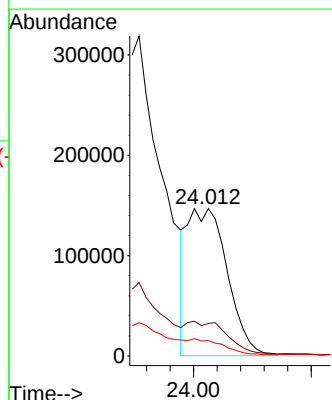
RT: 24.012 min Scan# 3583

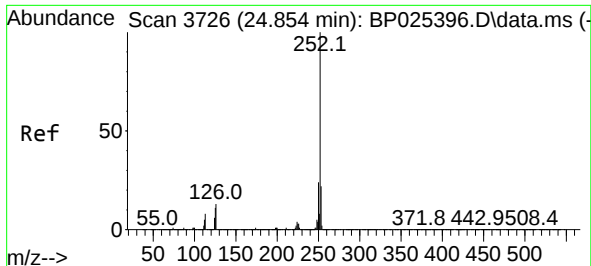
Delta R.T. -0.018 min

Lab File: BP025506.D

Acq: 20 Aug 2025 13:30

Tgt Ion:252 Resp: 345635
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.1 25.7
 125 10.4 7.8 11.6





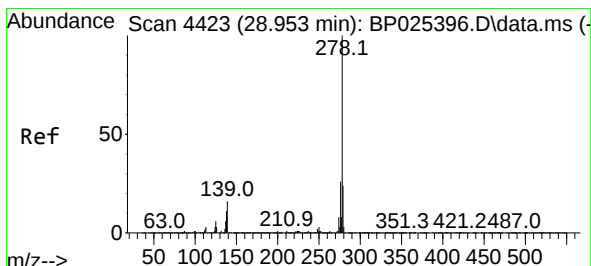
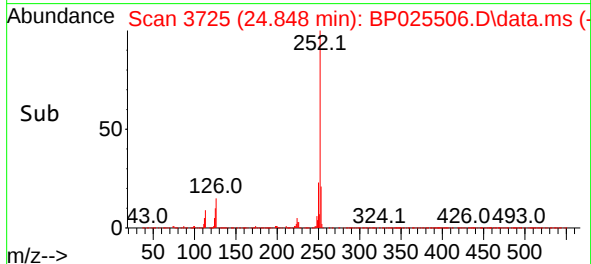
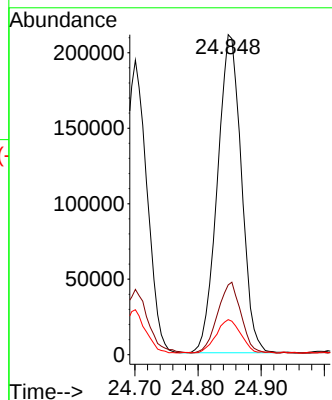
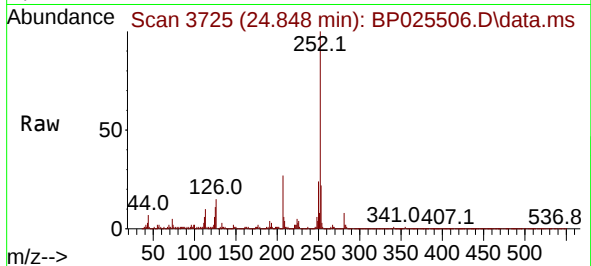
#90
Benzo(a)pyrene
Concen: 10.021 ng
RT: 24.848 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

Instrument :
BNA_P
ClientSampleId :
VNJ-210

Tgt Ion:252 Resp: 55590
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 8.7 13.1

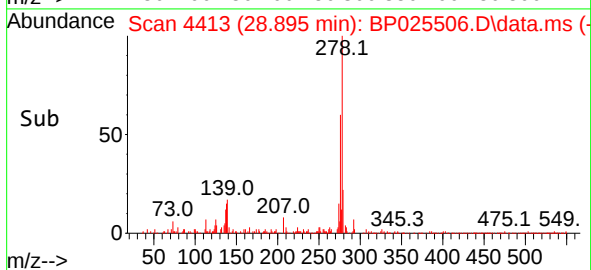
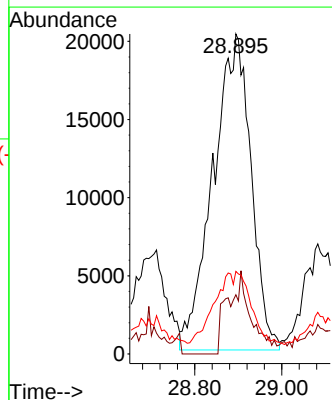
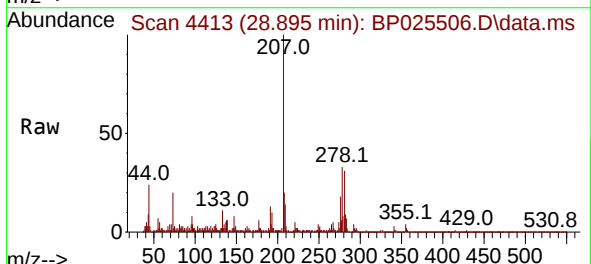
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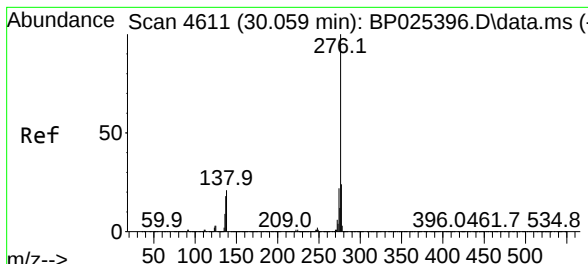
Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025



#91
Dibenzo(a,h)anthracene
Concen: 2.113 ng m
RT: 28.895 min Scan# 4413
Delta R.T. -0.059 min
Lab File: BP025506.D
Acq: 20 Aug 2025 13:30

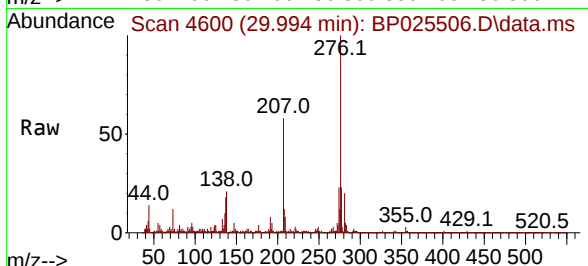
Tgt Ion:278 Resp: 122399
Ion Ratio Lower Upper
278 100
139 18.5 13.0 19.4
279 25.8 19.4 29.2





#92
 Benzo(g,h,i)perylene
 Concen: 8.461 ng
 RT: 29.994 min Scan# 40
 Delta R.T. -0.065 min
 Lab File: BP025506.D
 Acq: 20 Aug 2025 13:30

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-210



Tgt Ion:	276	Resp:	48169
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.4	29.0
138	20.8	16.7	25.1

Manual Integrations
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Reviewed By :Rahul Chavli 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

