

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034167.D
 Acq On : 23 Sep 2024 15:31
 Operator : JU/RC
 Sample : P4116-27DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20240918DL

Quant Time: Sep 23 16:05:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	4935	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14136	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8583	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18127	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11799	0.400	ng	# 0.00
35) Perylene-d12	23.168	264	9218	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	406	0.029	ng	-0.01
5) Phenol-d6	6.622	99	274	0.017	ng	-0.01
8) Nitrobenzene-d5	8.579	82	610	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	1543	0.074	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	198	0.051	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	2517m	0.072	ng	-0.02
27) Fluoranthene-d10	18.871	212	3494	0.076	ng	-0.02
31) Terphenyl-d14	19.494	244	2206	0.094	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	8112	1.315	ng	# 81
24) Pentachlorophenol	16.498	266	78	0.021	ng	91

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

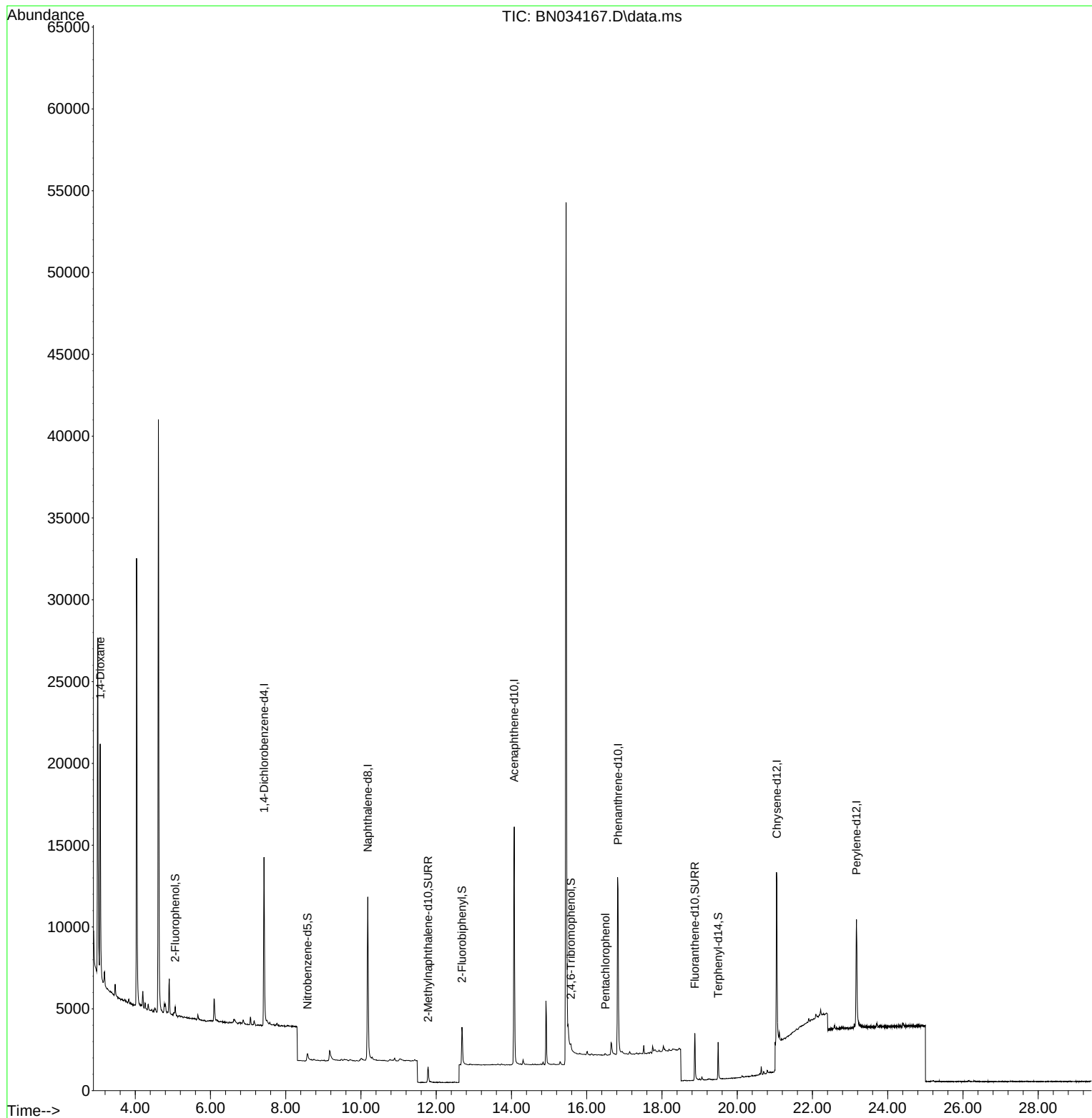
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034167.D
Acq On : 23 Sep 2024 15:31
Operator : JU/RC
Sample : P4116-27DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

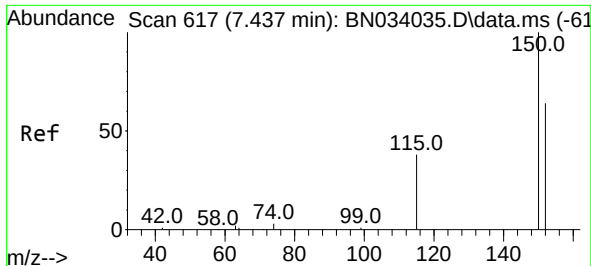
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL

Quant Time: Sep 23 16:05:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
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Manual Integrations
APPROVED

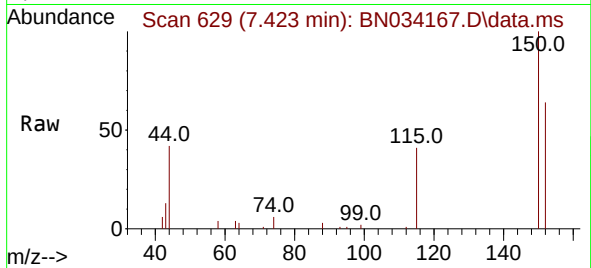
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

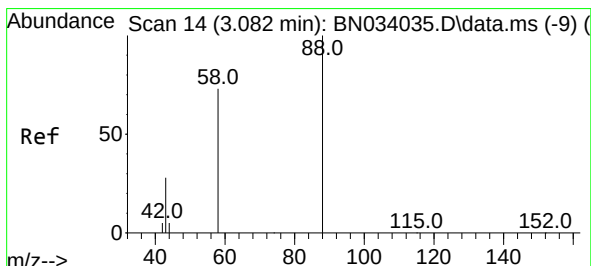
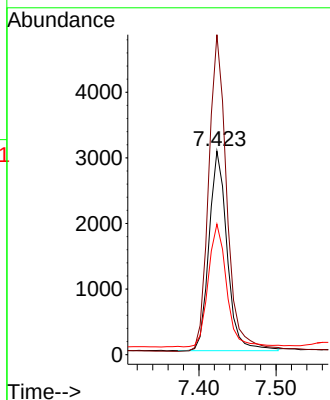
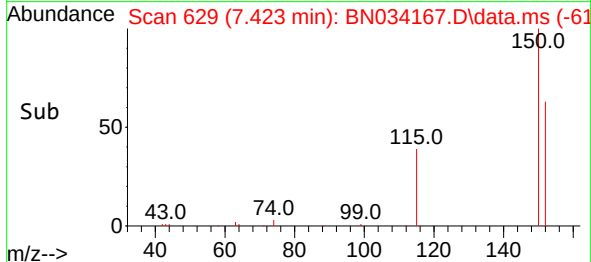
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL



Tgt Ion:152 Resp: 4938
Ion Ratio Lower Upper
152 100
150 157.2 124.6 187.0
115 64.1 50.0 75.0

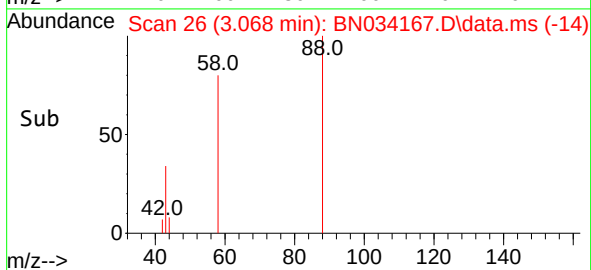
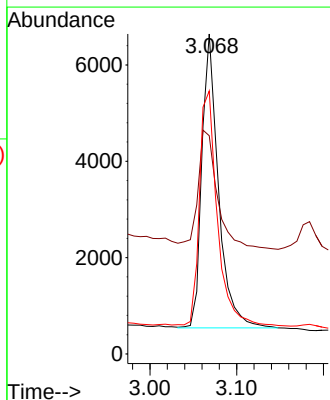
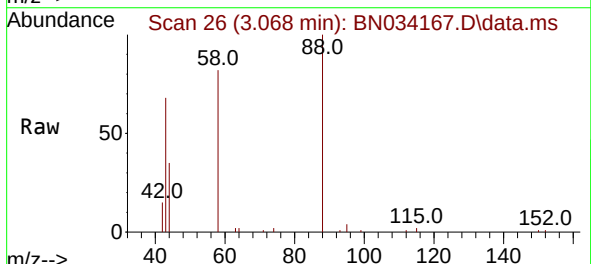
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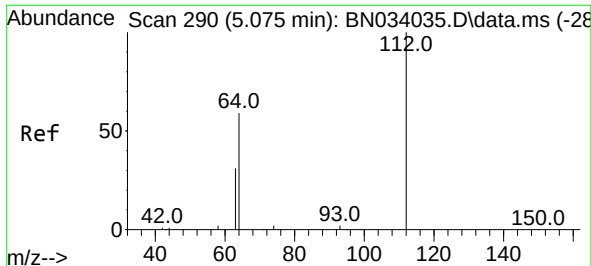
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 1.315 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion: 88 Resp: 8112
Ion Ratio Lower Upper
88 100
43 47.9 25.8 38.8#
58 85.8 58.8 88.2





#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.062 min Scan# 30
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Instrument :

BNA_N

ClientSampleId :

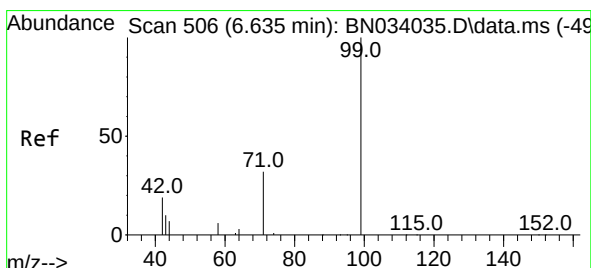
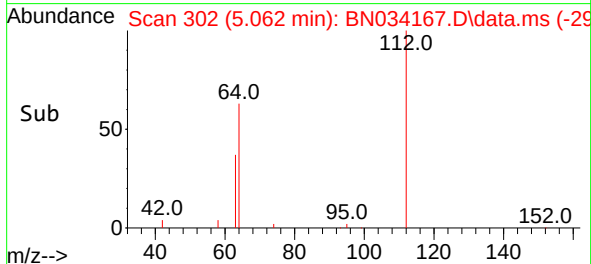
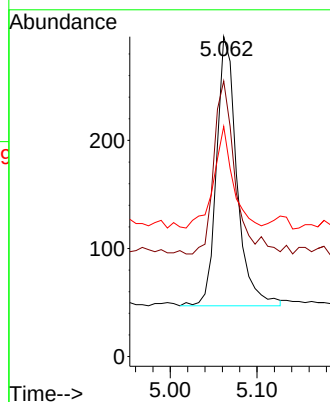
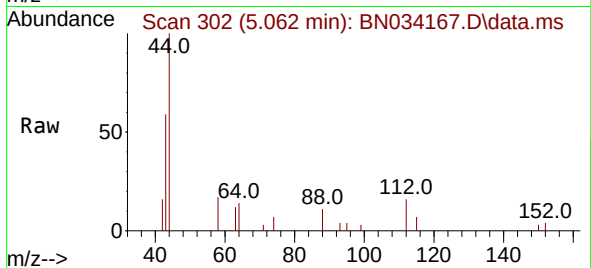
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Tgt Ion:112 Resp: 400
Ion Ratio Lower Upper
112 100
64 66.7 48.6 72.8
63 35.7 25.6 38.4

Manual Integrations

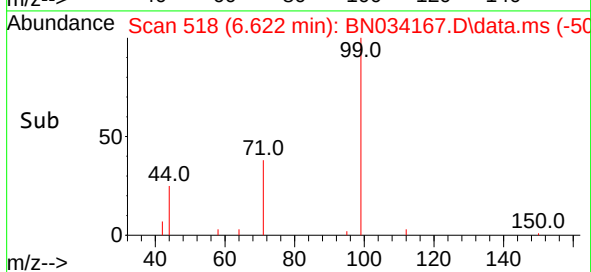
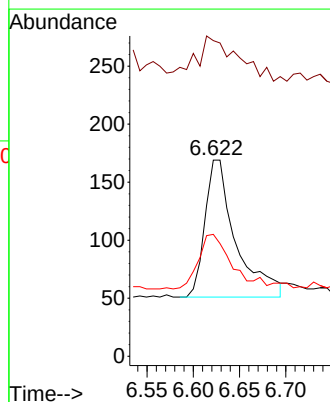
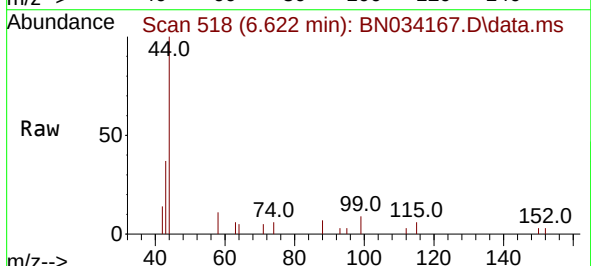
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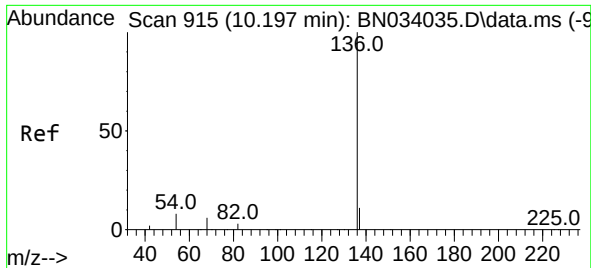
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.017 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

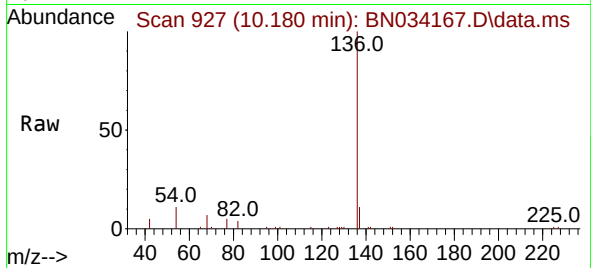
Tgt Ion: 99 Resp: 274
Ion Ratio Lower Upper
99 100
42 44.5 17.8 26.8#
71 43.4 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

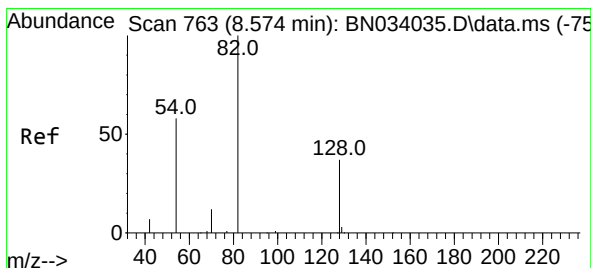
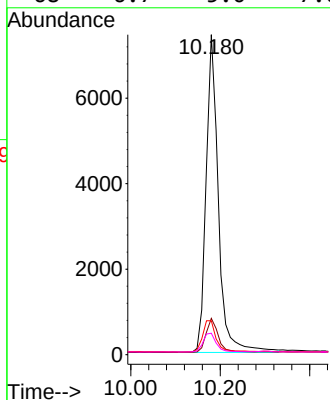
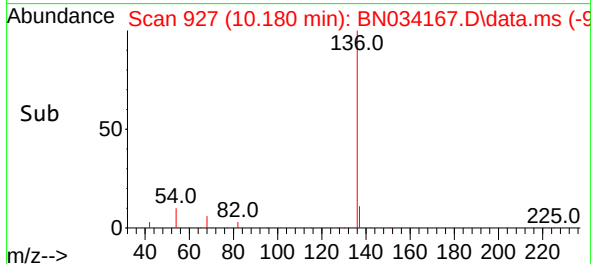
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL



Tgt Ion:136 Resp: 14136
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.6 6.8 10.2
68 6.7 5.0 7.6

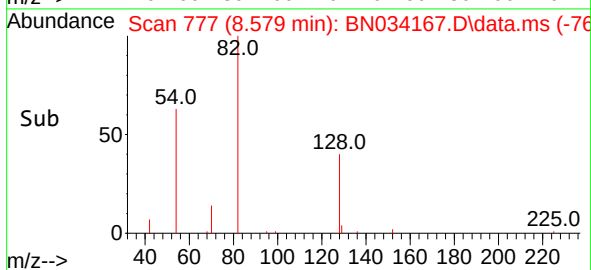
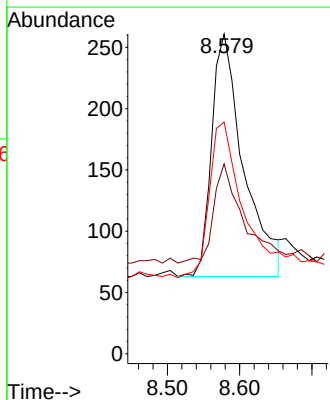
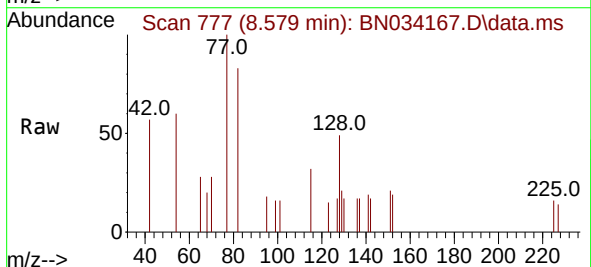
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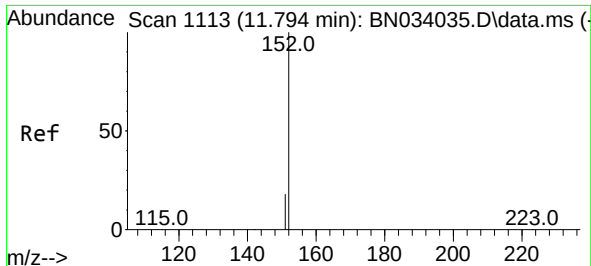
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

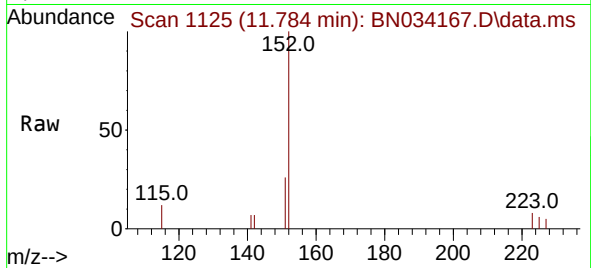
Tgt Ion: 82 Resp: 610
Ion Ratio Lower Upper
82 100
128 59.4 31.4 47.2#
54 72.4 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.074 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

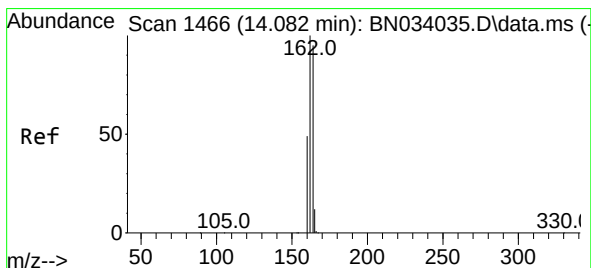
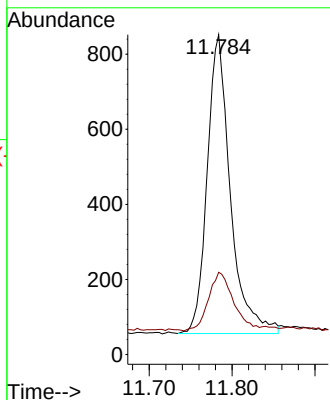
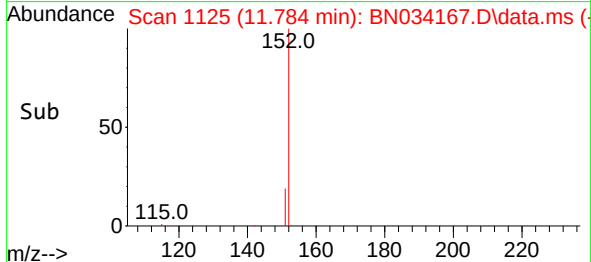
Instrument :
BNA_N
ClientSampleId :
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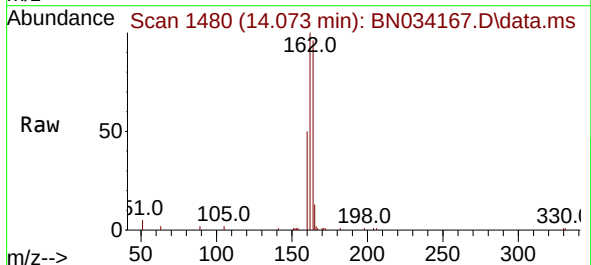
Tgt Ion:152 Resp: 1543
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

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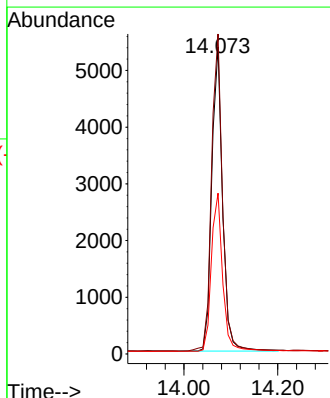
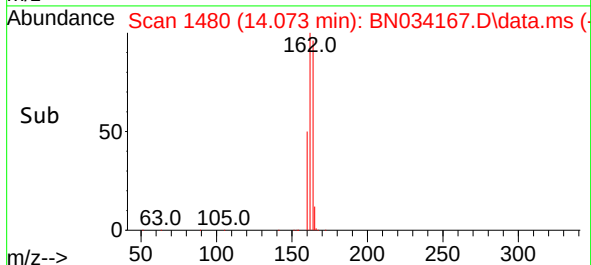
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Supervised By :mohammad ahmed 09/25/2024

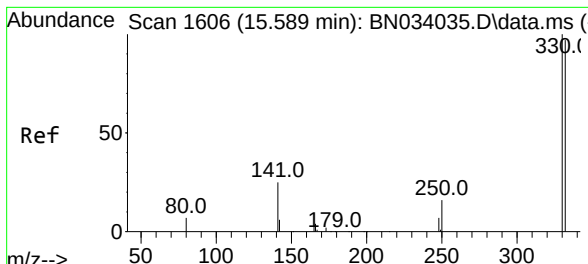


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31



Tgt Ion:164 Resp: 8583
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.2
160 52.3 41.7 62.5





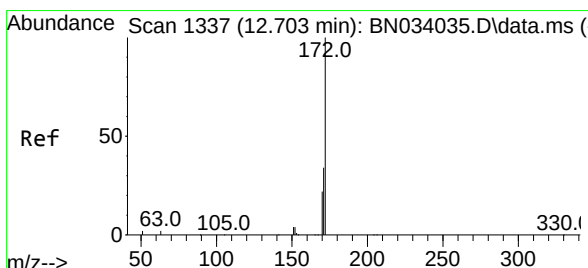
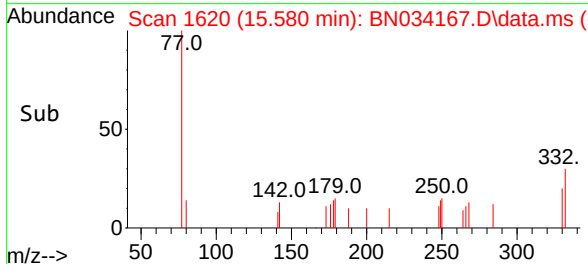
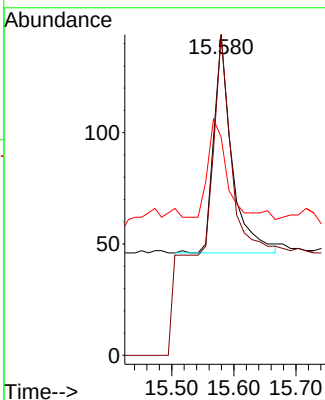
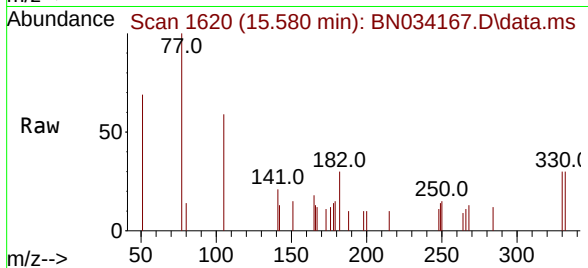
#14
2,4,6-Tribromophenol
Concen: 0.051 ng
RT: 15.580 min Scan# 110
Delta R.T. -0.009 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL

Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 50.0 35.9 53.9

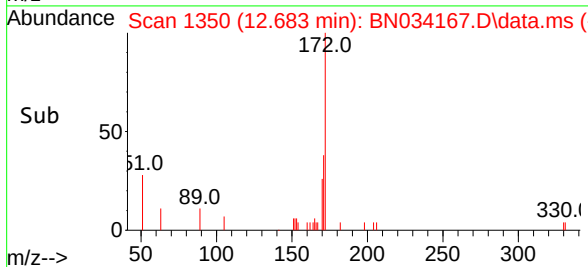
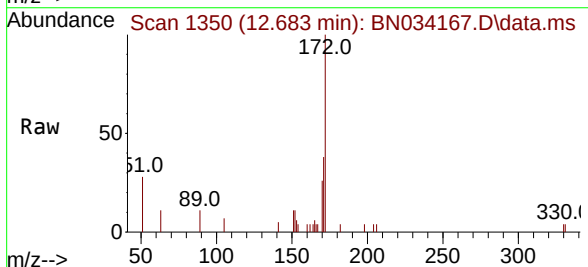
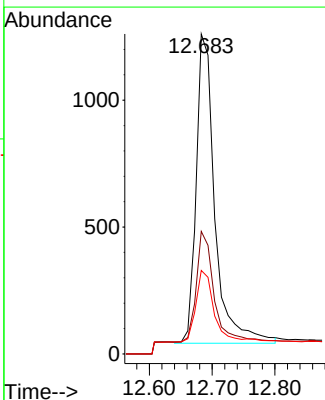
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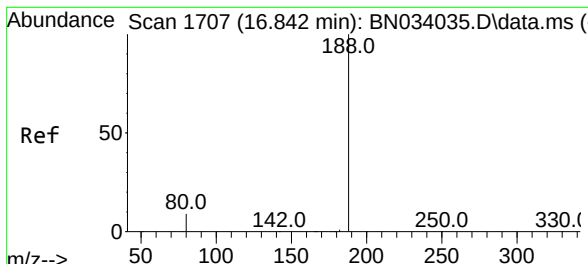
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#15
2-Fluorobiphenyl
Concen: 0.072 ng m
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion:172 Resp: 2517
Ion Ratio Lower Upper
172 100
171 38.3 27.3 40.9
170 26.1 18.1 27.1





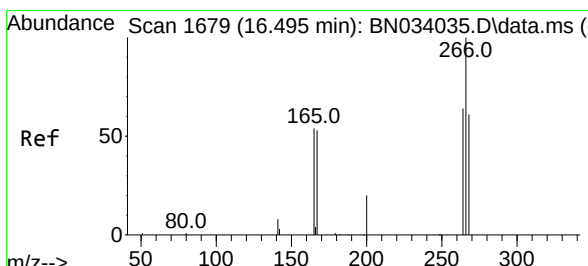
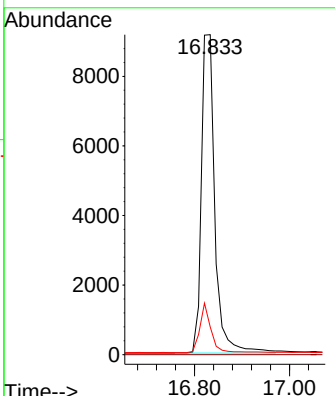
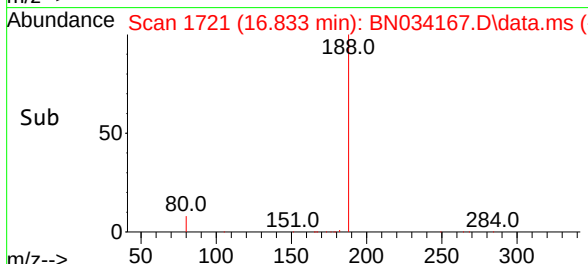
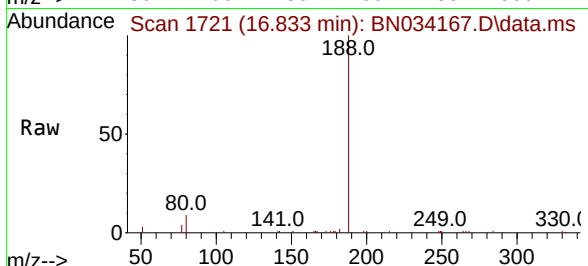
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.833 min Scan# 1707
 Delta R.T. -0.009 min
 Lab File: BN034167.D
 Acq: 23 Sep 2024 15:31

Instrument : BNA_N
 ClientSampleId : DUP05-20240918DL

Tgt Ion:	188	Resp:	1812
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.0

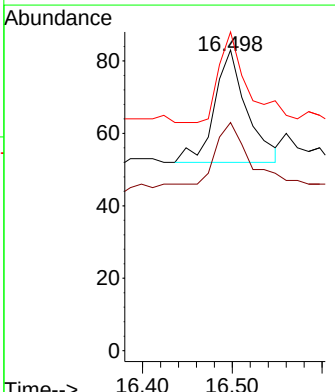
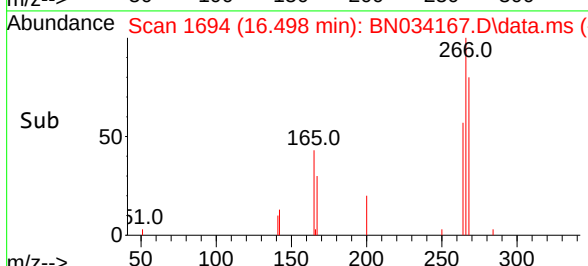
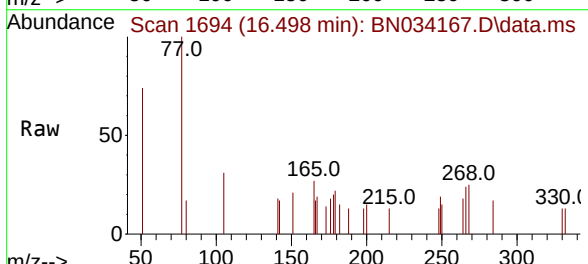
Manual Integrations
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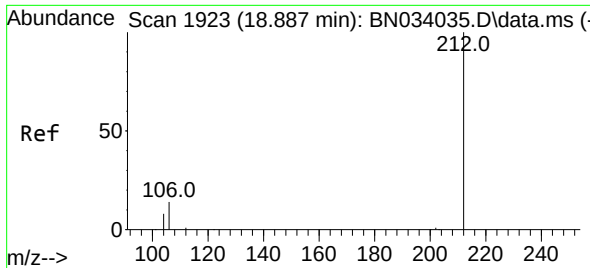
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#24
 Pentachlorophenol
 Concen: 0.021 ng
 RT: 16.498 min Scan# 1694
 Delta R.T. 0.003 min
 Lab File: BN034167.D
 Acq: 23 Sep 2024 15:31

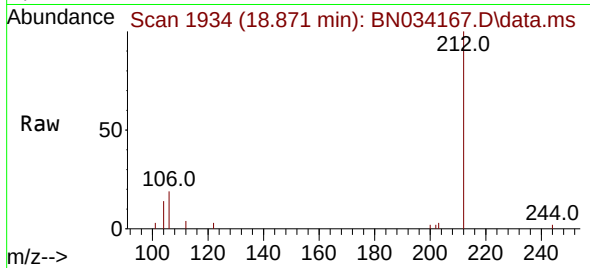
Tgt Ion:	266	Resp:	78
Ion Ratio	Lower	Upper	
266	100		
264	67.9	50.2	75.2
268	71.8	51.0	76.4





#27
Fluoranthene-d10
Concen: 0.076 ng
RT: 18.871 min Scan# 1923
Delta R.T. -0.015 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

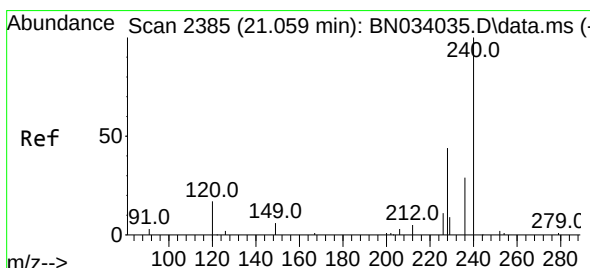
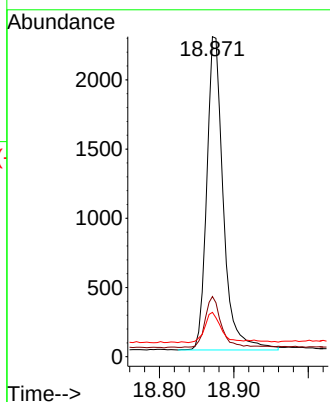
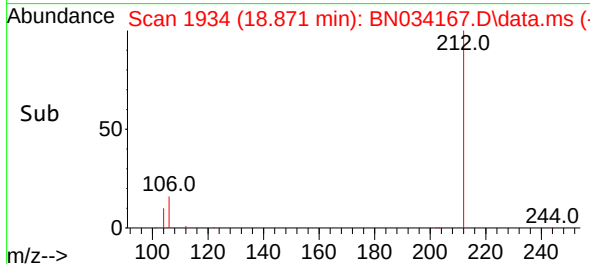
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL



Tgt Ion:212 Resp: 3494
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.4 7.8 11.6

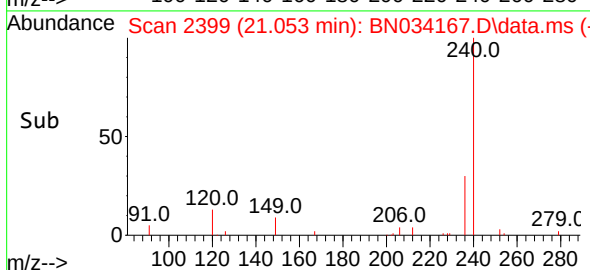
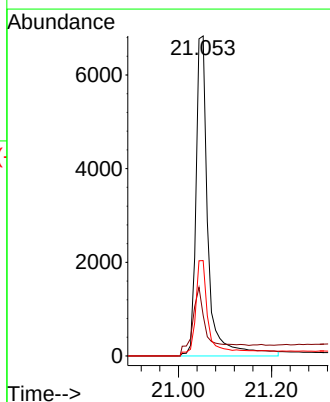
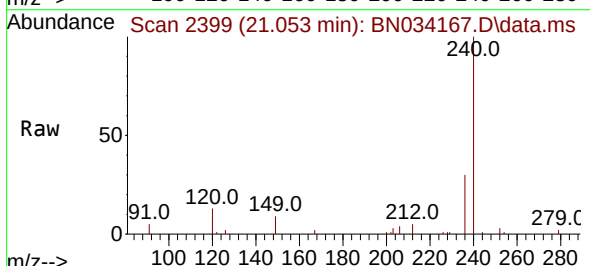
Manual Integrations
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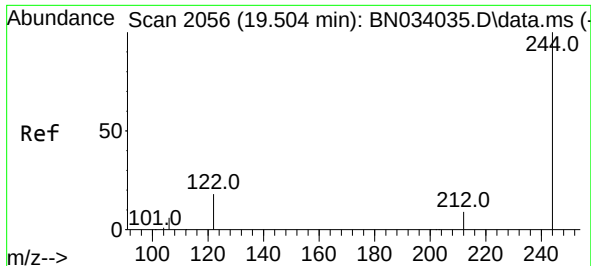
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

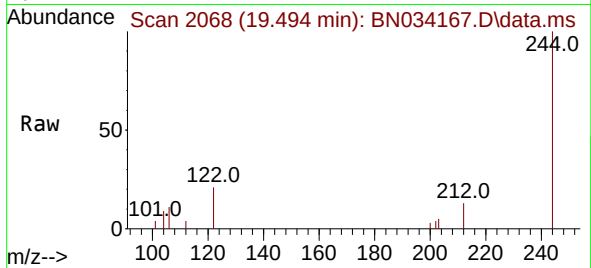
Tgt Ion:240 Resp: 11799
Ion Ratio Lower Upper
240 100
120 12.7 13.5 20.3#
236 29.8 23.4 35.0





#31
Terphenyl-d14
Concen: 0.094 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

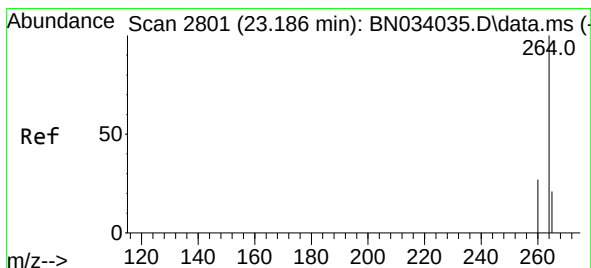
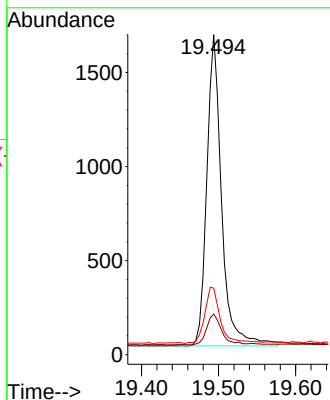
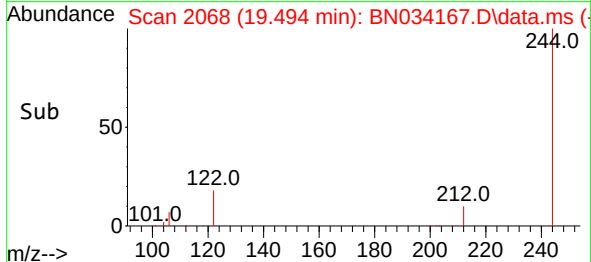
Instrument :
BNA_N
ClientSampleId :
DUP05-20240918DL



Tgt Ion:244 Resp: 2200
Ion Ratio Lower Upper
244 100
212 12.7 7.8 11.6
122 20.8 14.8 22.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.017 min
Lab File: BN034167.D
Acq: 23 Sep 2024 15:31

Tgt Ion:264 Resp: 9218
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 71.9 52.1 78.1

