

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035234.D
 Acq On : 21 Nov 2024 22:25
 Operator : RC/JU
 Sample : P4934-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20241119

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 23:06:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.322	152	2771	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	6431	0.400	ng	# 0.00
13) Acenaphthene-d10	13.976	164	3947	0.400	ng	-0.01
19) Phenanthrene-d10	16.746	188	8351	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	946	0.400	ng	# 0.00
35) Perylene-d12	23.095	264	7194	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.975	112	860	0.122	ng	0.00
5) Phenol-d6	6.528	99	592	0.067	ng	0.00
8) Nitrobenzene-d5	8.461	82	1060m	0.189	ng	0.00
11) 2-Methylnaphthalene-d10	11.674	152	3096	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.494	330	720	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1009	0.063	ng	0.00
27) Fluoranthene-d10	18.801	212	9165	0.358	ng	0.00
31) Terphenyl-d14	19.429	244	9237	4.653	ng	0.00
Target Compounds						
30) Pyrene	19.201	202	225	0.071	ng	# 95

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

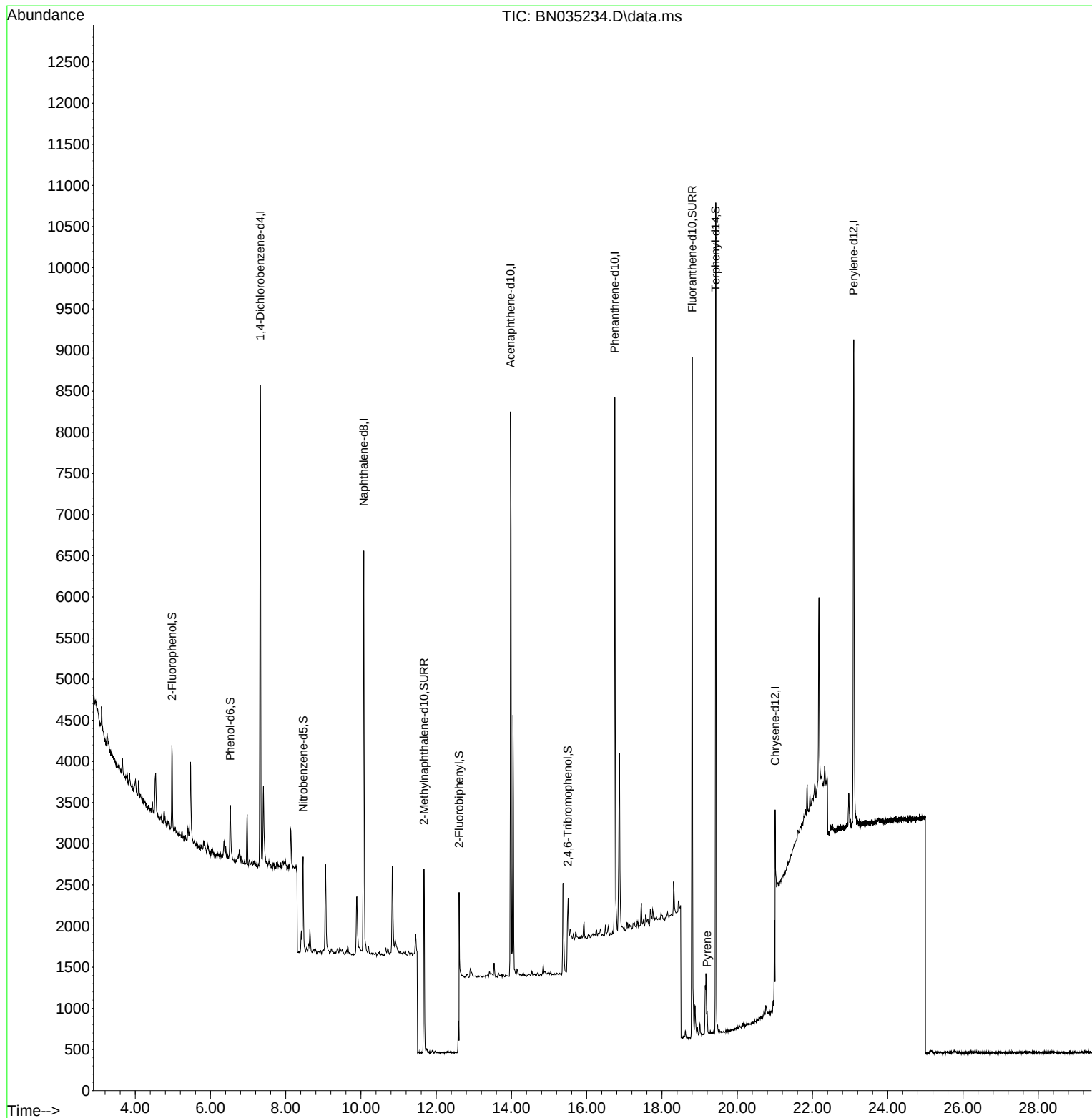
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035234.D
Acq On : 21 Nov 2024 22:25
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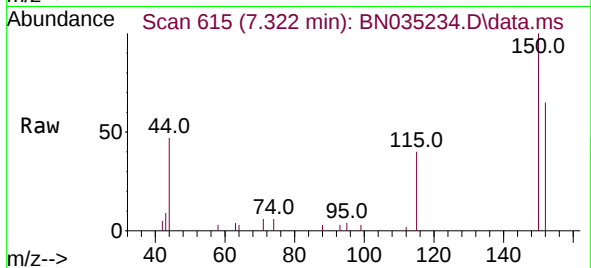
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.322 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

Instrument :

BNA_N

ClientSampleId :

DUP02-20241119



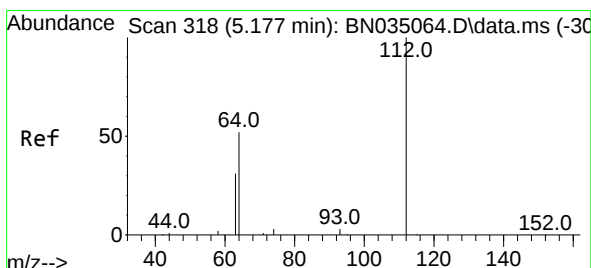
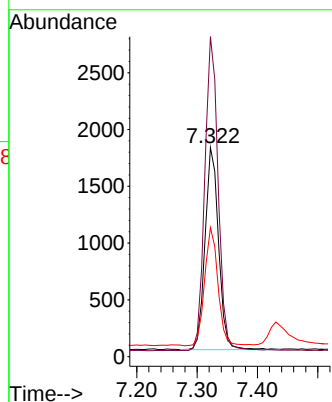
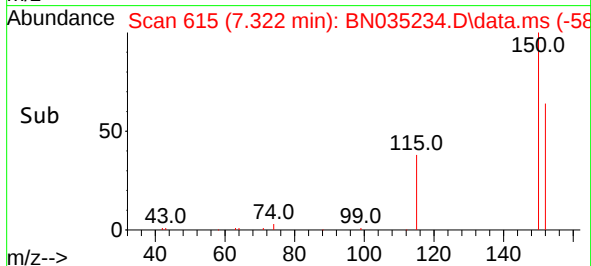
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Ion Ratio Lower Upper
152 100
150 153.1 124.5 186.7
115 61.8 47.8 71.6

Manual Integrations

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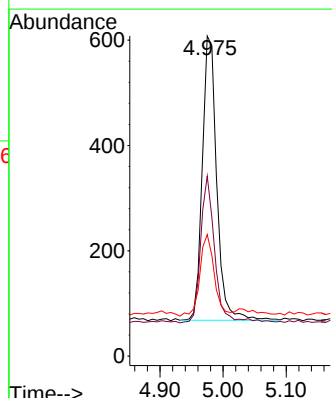
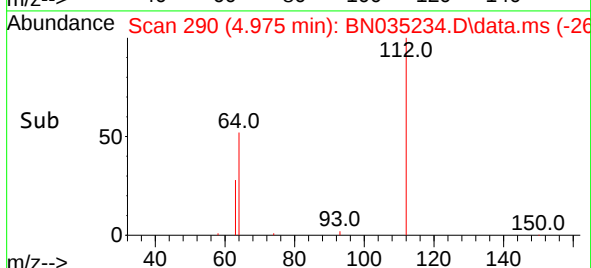
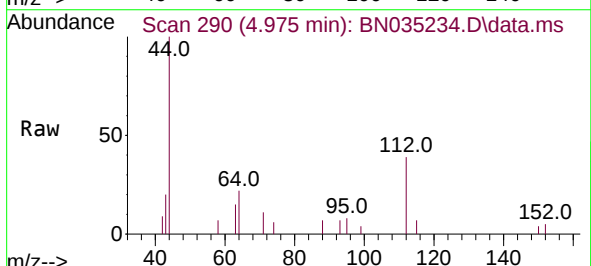
Reviewed By :Yogesh Patel 11/22/2024

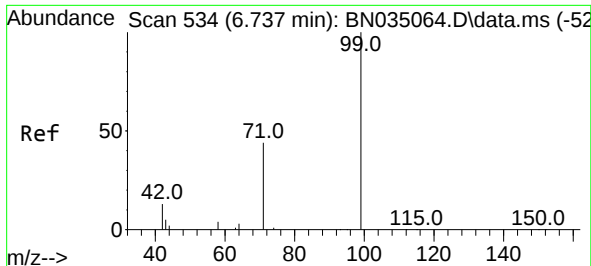
Supervised By :mohammad ahmed 11/22/2024



#4
2-Fluorophenol
Concen: 0.122 ng
RT: 4.975 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

Tgt Ion:112 Resp: 860
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 28.3 23.0 34.4





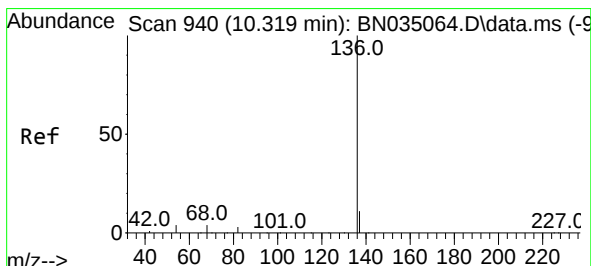
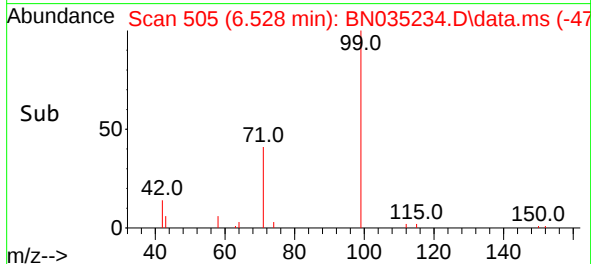
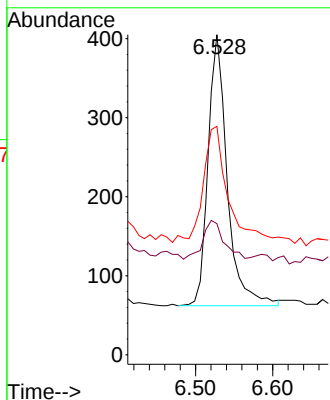
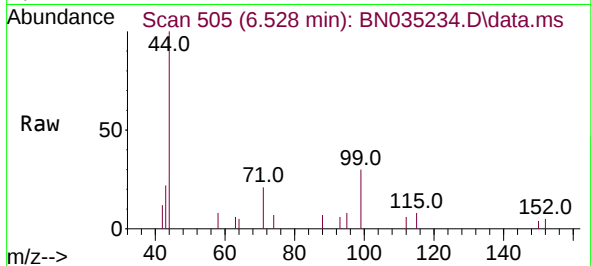
#5
Phenol-d6
Concen: 0.067 ng
RT: 6.528 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

Instrument :
BNA_N
ClientSampleId :
DUP02-20241119

Tgt Ion: 99 Resp: 592
Ion Ratio Lower Upper
99 100
42 16.0 11.4 17.0
71 63.2 34.6 51.8

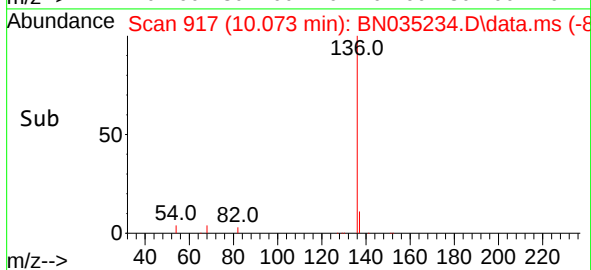
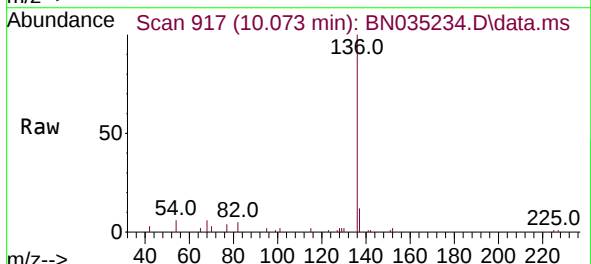
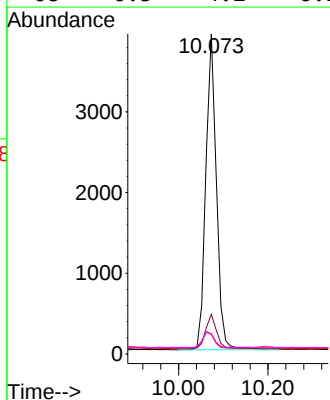
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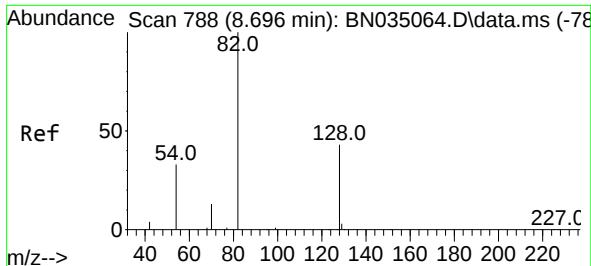
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

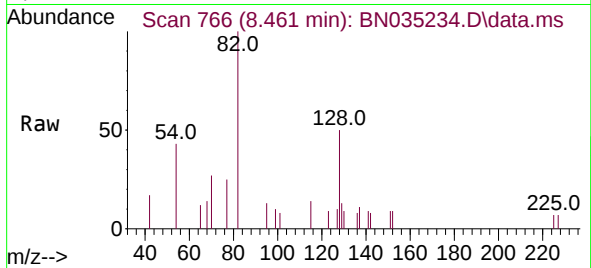
Tgt Ion:136 Resp: 6431
Ion Ratio Lower Upper
136 100
137 12.3 9.8 14.8
54 6.1 4.0 6.0#
68 6.3 4.2 6.2#





#8
Nitrobenzene-d5
Concen: 0.189 ng m
RT: 8.461 min Scan# 710
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

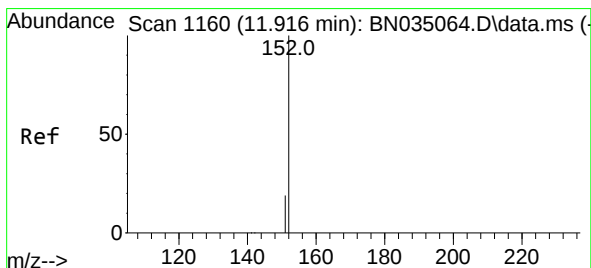
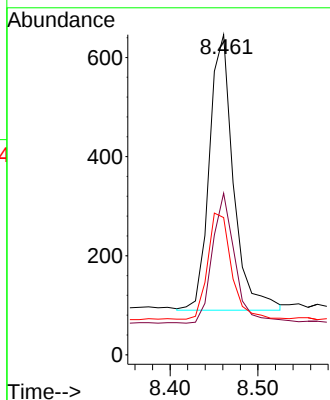
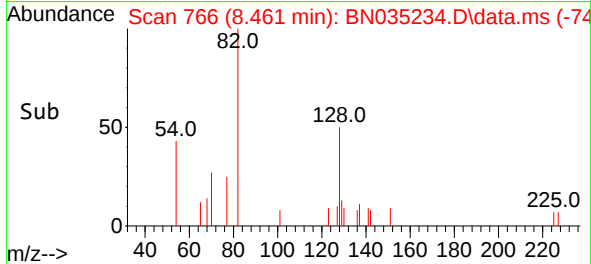
Instrument :
BNA_N
ClientSampleId :
DUP02-20241119



Tgt Ion: 82 Resp: 1060
Ion Ratio Lower Upper
82 100
128 50.5 36.5 54.7
54 42.9 28.7 43.1

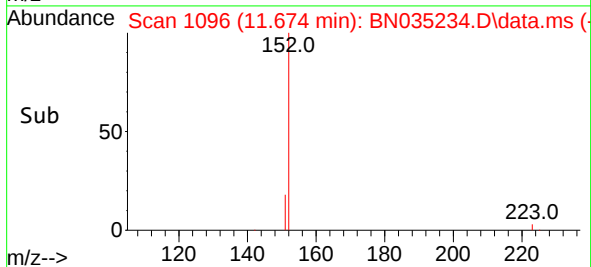
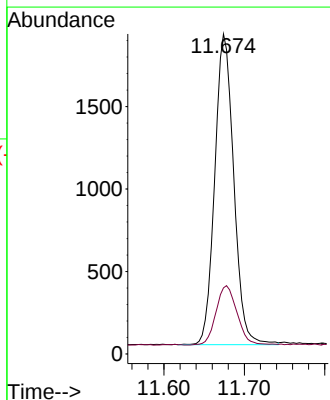
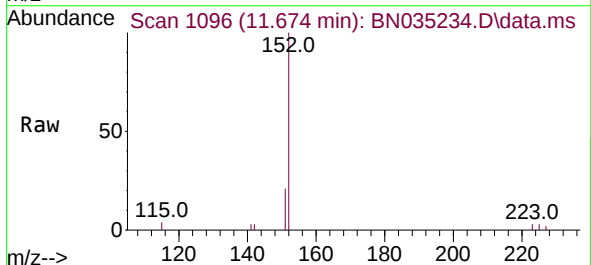
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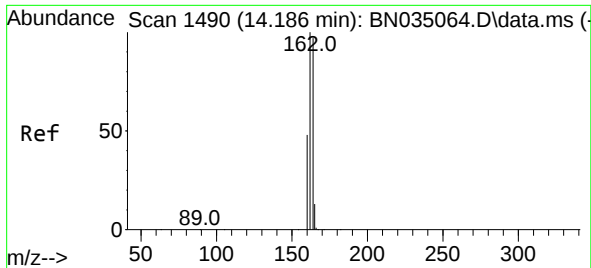
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.674 min Scan# 1096
Delta R.T. -0.004 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

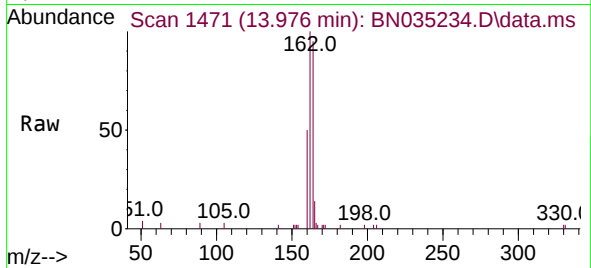
Tgt Ion:152 Resp: 3096
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.976 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

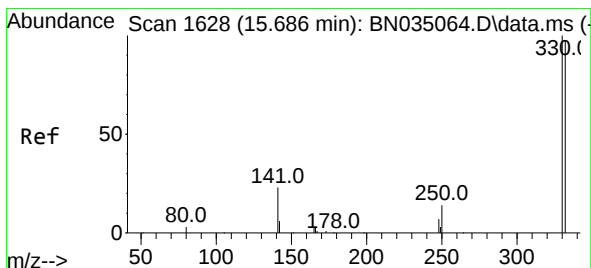
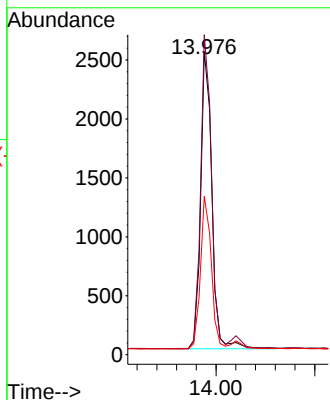
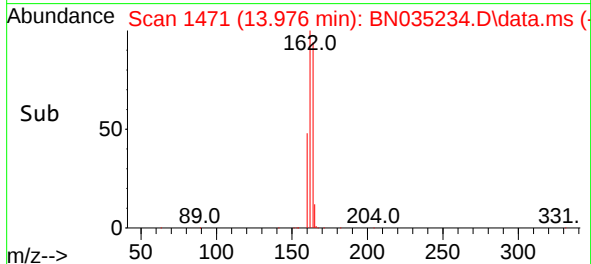
Instrument :
BNA_N
ClientSampleId :
DUP02-20241119



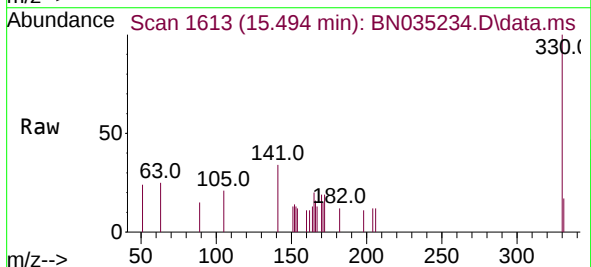
Tgt Ion:164 Resp: 394
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.2
160 52.3 40.2 60.4

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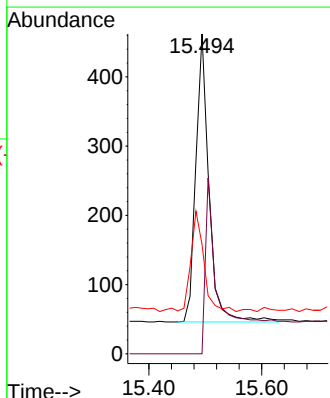
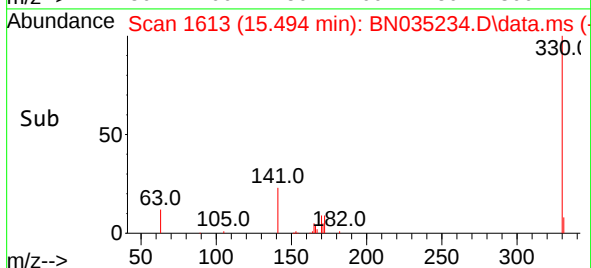
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

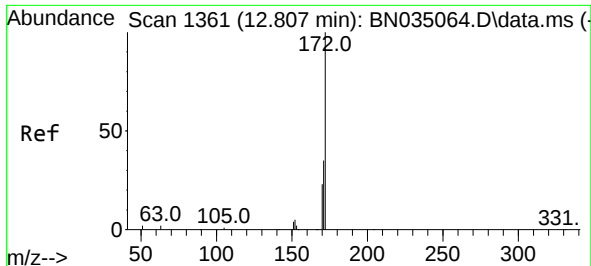


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.494 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25



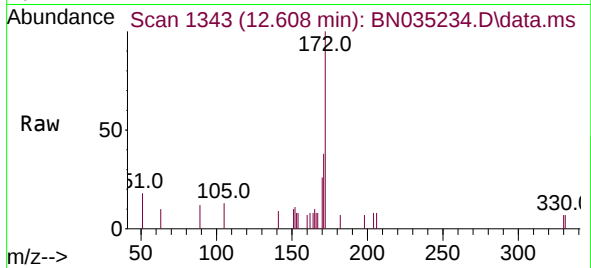
Tgt Ion:330 Resp: 720
Ion Ratio Lower Upper
330 100
332 82.5 76.9 115.3
141 0.0 29.6 44.4#





#15
2-Fluorobiphenyl
Concen: 0.063 ng
RT: 12.608 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

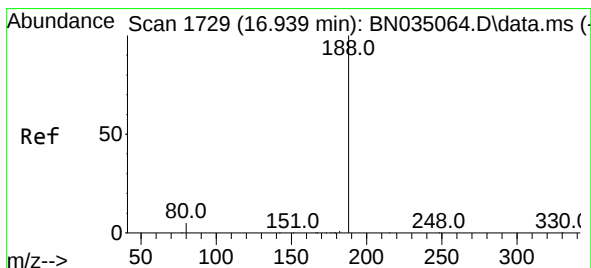
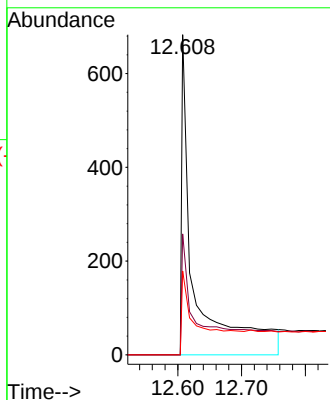
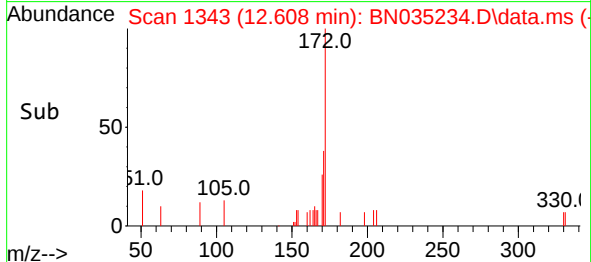
Instrument :
BNA_N
ClientSampleId :
DUP02-20241119



Tgt Ion:172 Resp: 1009
Ion Ratio Lower Upper
172 100
171 37.8 28.2 42.4
170 26.2 19.0 28.6

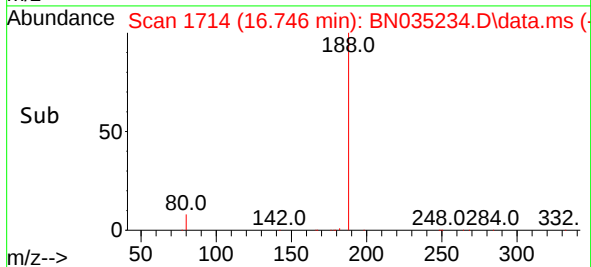
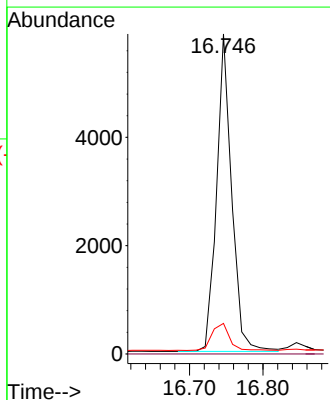
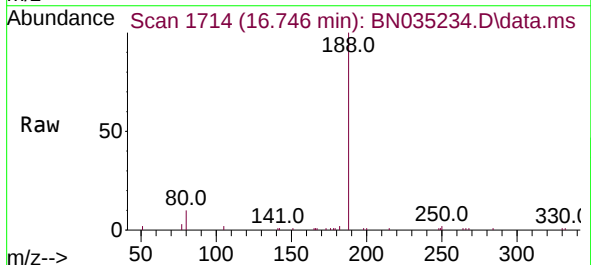
Manual Integrations
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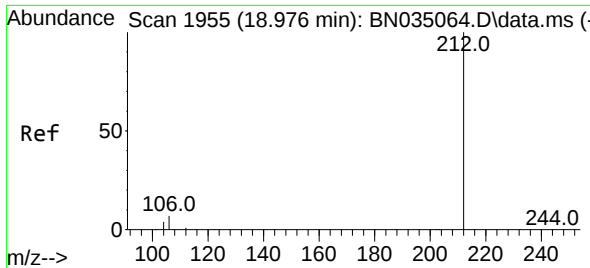
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.746 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

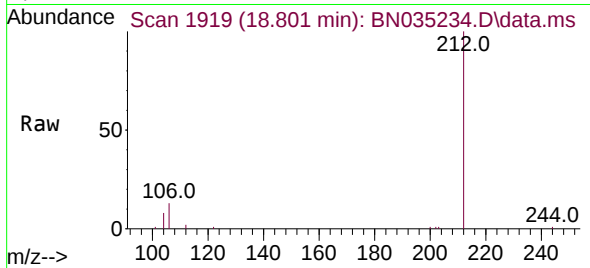
Tgt Ion:188 Resp: 8351
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 4.3 6.5





#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.801 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

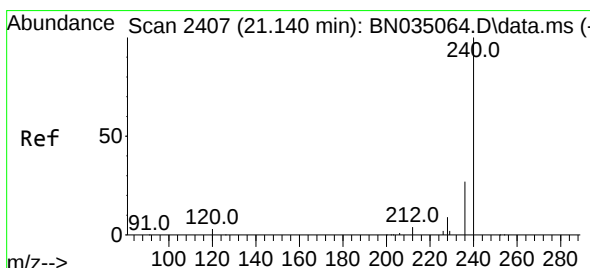
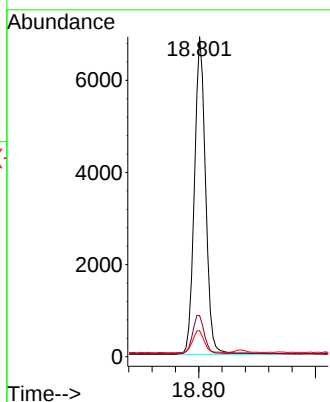
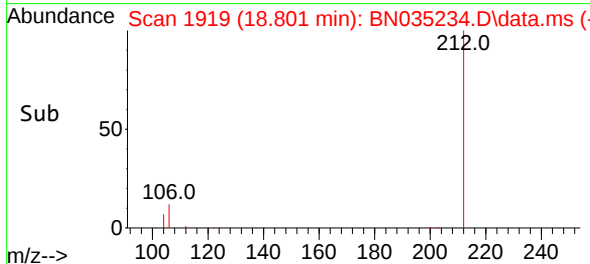
Instrument :
BNA_N
ClientSampleId :
DUP02-20241119



Tgt Ion:212 Resp: 916
Ion Ratio Lower Upper
212 100
106 12.5 6.0 9.0#
104 7.5 3.5 5.3#

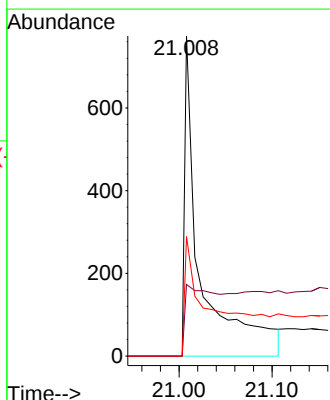
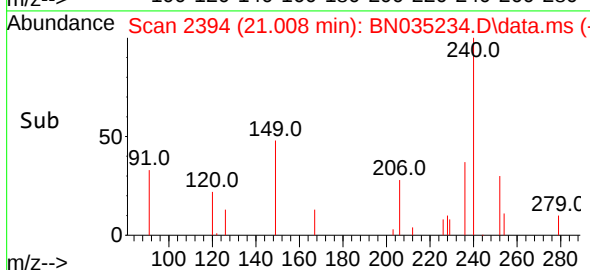
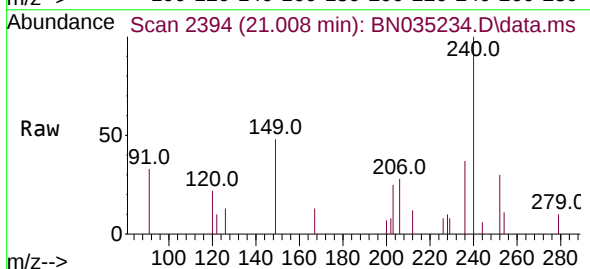
Manual Integrations
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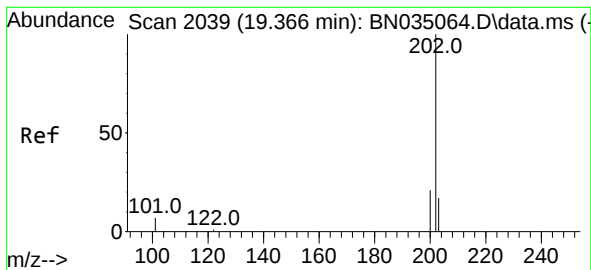
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

Tgt Ion:240 Resp: 946
Ion Ratio Lower Upper
240 100
120 22.4 3.8 5.6#
236 37.3 22.2 33.2#





#30

Pyrene

Concen: 0.071 ng

RT: 19.201 min Scan# 2005

Delta R.T. -0.005 min

Lab File: BN035234.D

Acq: 21 Nov 2024 22:25

Instrument :

BNA_N

ClientSampleId :

DUP02-20241119

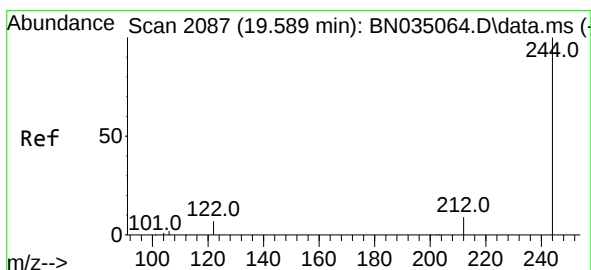
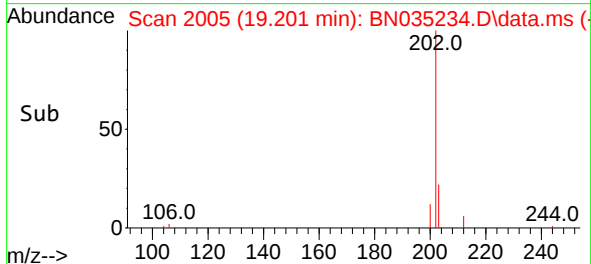
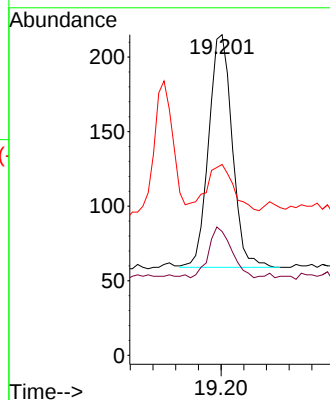
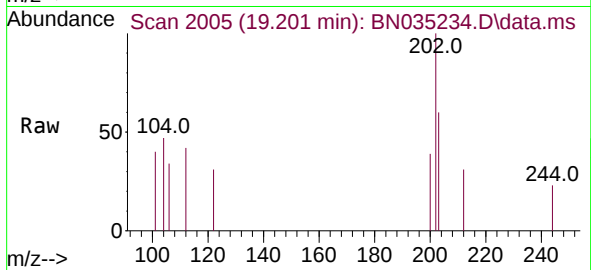
Tgt Ion:	202	Resp:	225
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	22.7	14.2	21.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#31

Terphenyl-d14

Concen: 4.653 ng

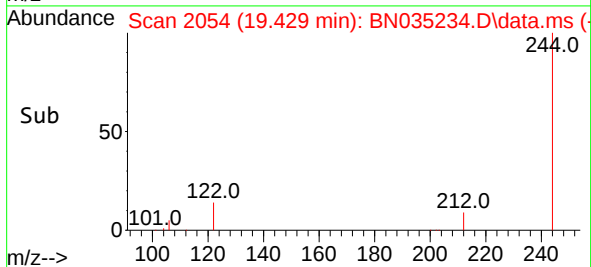
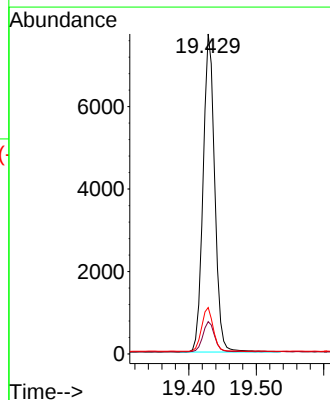
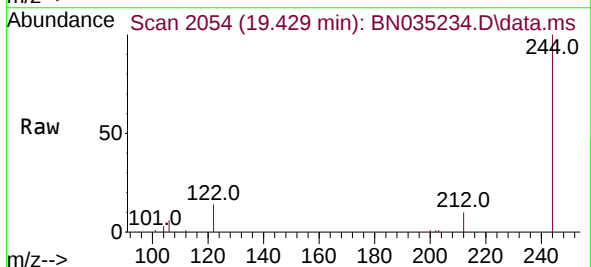
RT: 19.429 min Scan# 2054

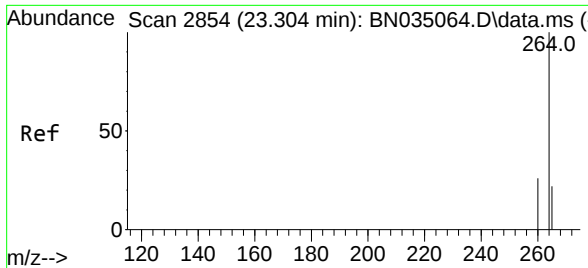
Delta R.T. -0.009 min

Lab File: BN035234.D

Acq: 21 Nov 2024 22:25

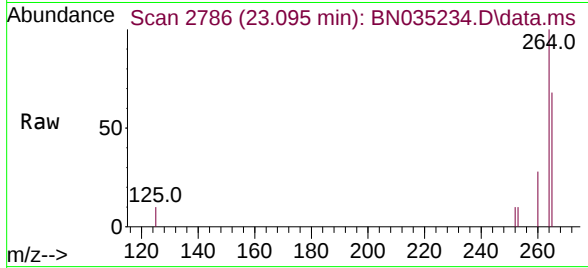
Tgt Ion:	244	Resp:	9237
Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.6	11.4
122	14.5	6.1	9.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.095 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035234.D
Acq: 21 Nov 2024 22:25

Instrument :
BNA_N
ClientSampleId :
DUP02-20241119



Tgt Ion:264 Resp: 7194
Ion Ratio Lower Upper
264 100
260 28.1 20.9 31.3
265 67.9 35.4 53.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

