

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035229.D
 Acq On : 21 Nov 2024 19:24
 Operator : RC/JU
 Sample : P4934-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20241118

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 23:05:29 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	2749	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	6688	0.400	ng	# 0.00
13) Acenaphthene-d10	13.976	164	4330	0.400	ng	-0.01
19) Phenanthrene-d10	16.746	188	8619	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	1170	0.400	ng	# 0.00
35) Perylene-d12	23.095	264	5974	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.982	112	1267	0.182	ng	0.00
5) Phenol-d6	6.528	99	948	0.108	ng	0.00
8) Nitrobenzene-d5	8.461	82	1062m	0.182	ng	0.00
11) 2-Methylnaphthalene-d10	11.674	152	3299	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.494	330	730	0.234	ng	0.00
15) 2-Fluorobiphenyl	12.608	172	1072	0.061	ng	0.00
27) Fluoranthene-d10	18.802	212	8814	0.334	ng	0.00
31) Terphenyl-d14	19.429	244	6893	2.808	ng	0.00
Target Compounds						Qvalue
30) Pyrene	19.201	202	326	0.084	ng	# 95

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

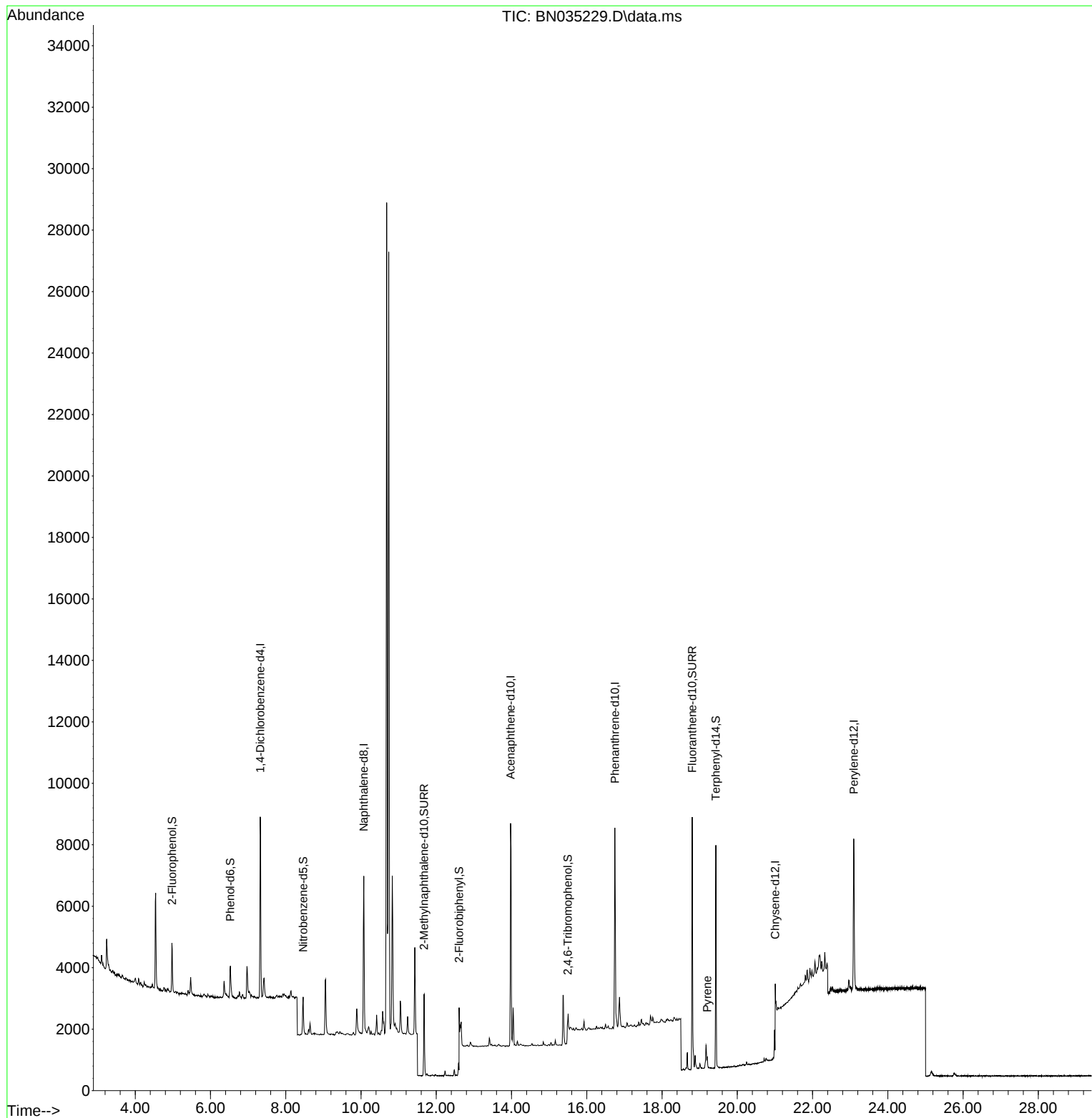
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035229.D
Acq On : 21 Nov 2024 19:24
Operator : RC/JU
Sample : P4934-04
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ALS Vial : 12 Sample Multiplier: 1

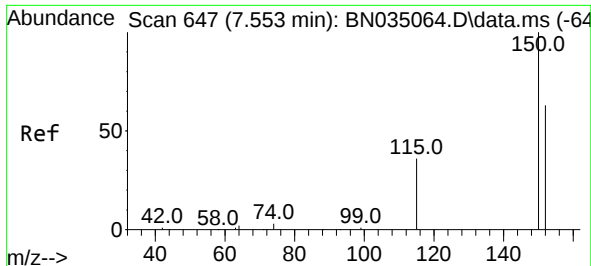
Instrument :
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Quant Time: Nov 21 23:05:29 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
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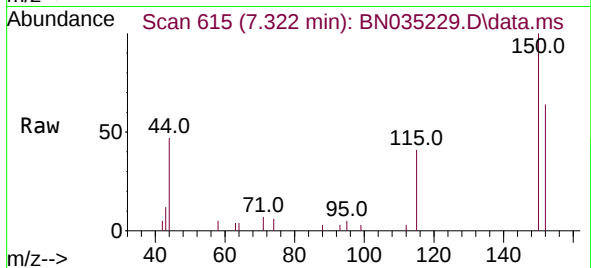
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.322 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Instrument :

BNA_N

ClientSampleId :

DUP01-20241118



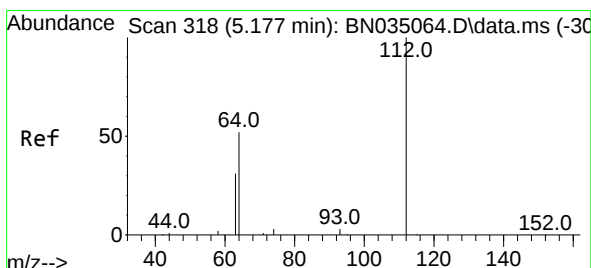
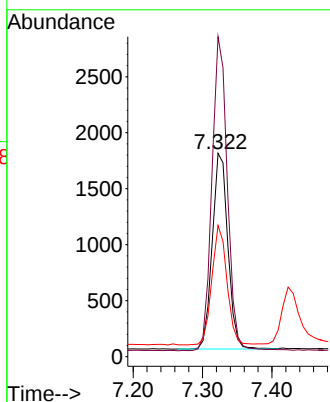
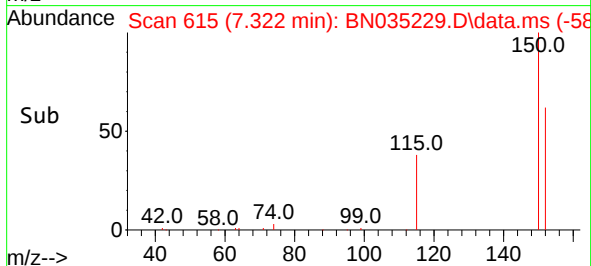
Tgt Ion:152 Resp: 2749
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 64.5 47.8 71.6

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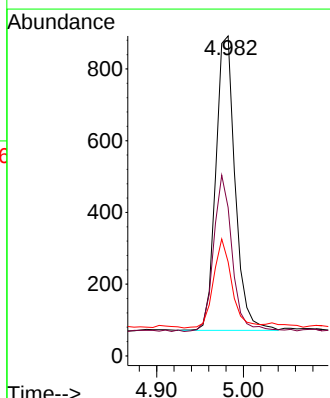
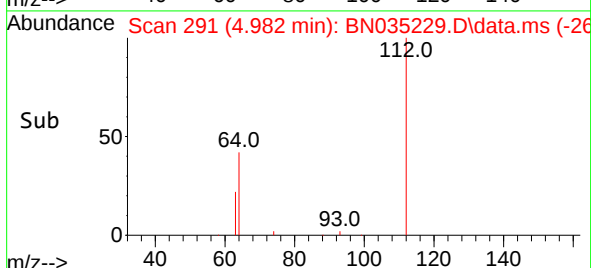
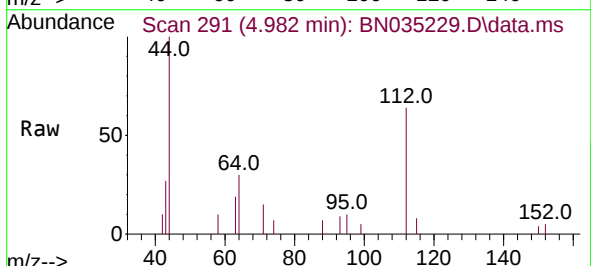
Reviewed By :Yogesh Patel 11/22/2024

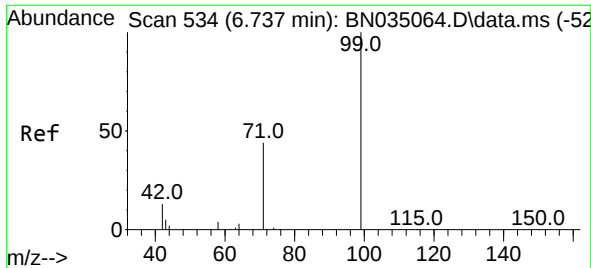
Supervised By :mohammad ahmed 11/22/2024



#4
2-Fluorophenol
Concen: 0.182 ng
RT: 4.982 min Scan# 291
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Tgt Ion:112 Resp: 1267
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 28.6 23.0 34.4





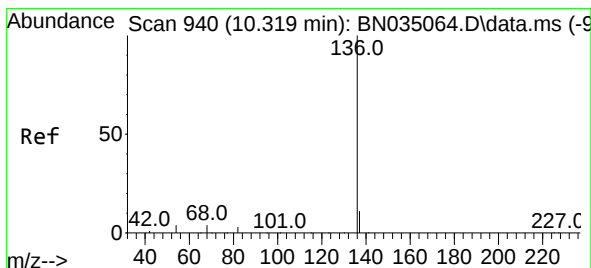
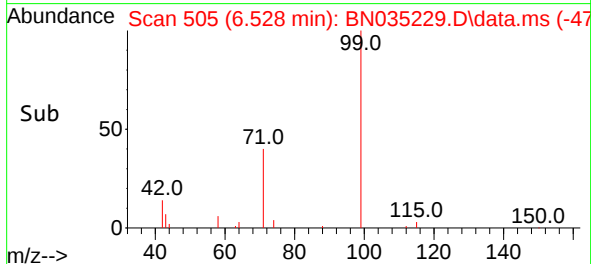
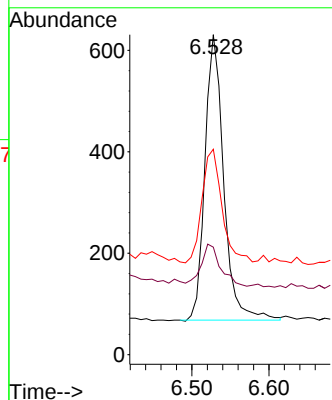
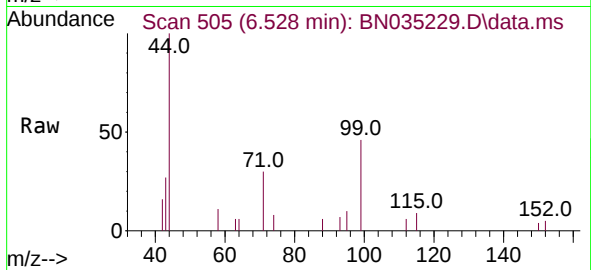
#5
Phenol-d6
Concen: 0.108 ng
RT: 6.528 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
DUP01-20241118

Tgt Ion: 99 Resp: 948
Ion Ratio Lower Upper
99 100
42 15.2 11.4 17.0
71 42.5 34.6 51.8

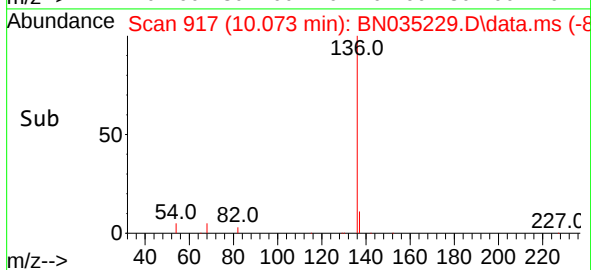
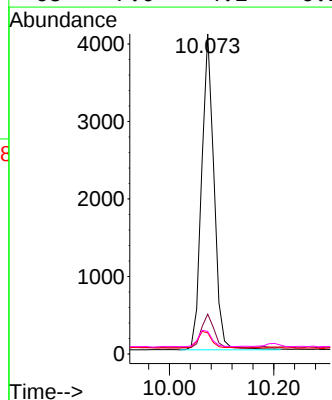
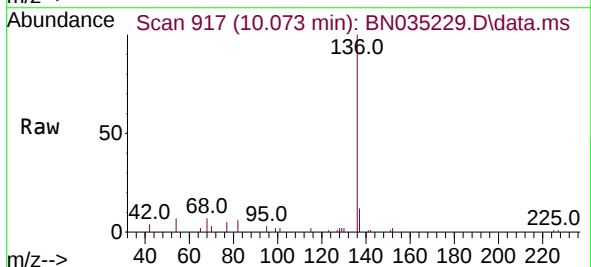
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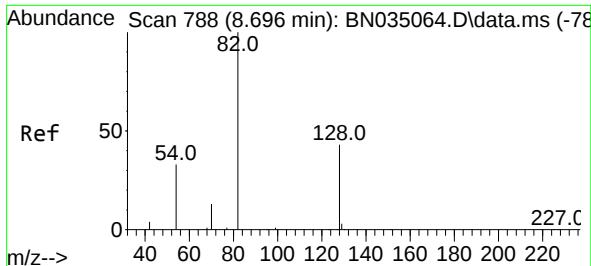
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Tgt Ion:136 Resp: 6688
Ion Ratio Lower Upper
136 100
137 12.5 9.8 14.8
54 6.6 4.0 6.0#
68 7.0 4.2 6.2#





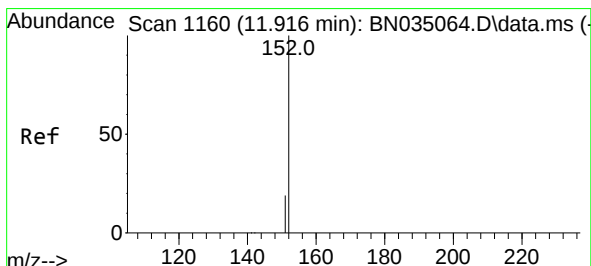
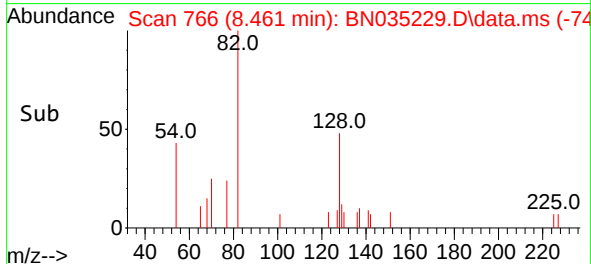
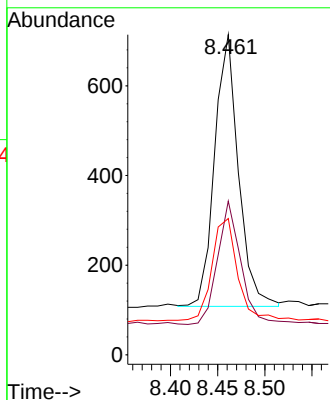
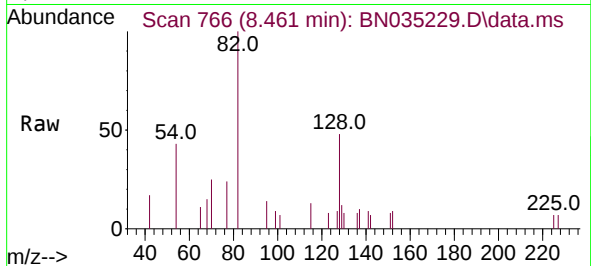
#8
Nitrobenzene-d5
Concen: 0.182 ng m
RT: 8.461 min Scan# 70
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
DUP01-20241118

Tgt Ion: 82 Resp: 1062
Ion Ratio Lower Upper
82 100
128 48.0 36.5 54.7
54 42.6 28.7 43.1

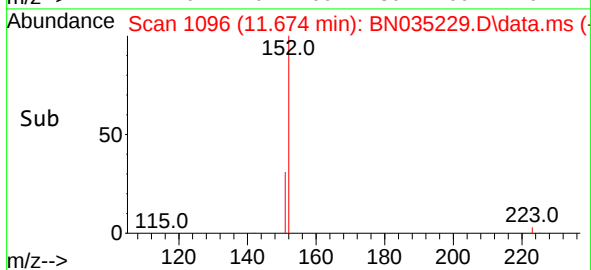
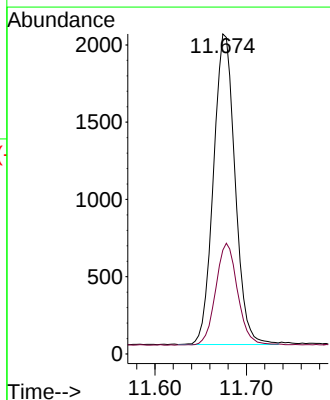
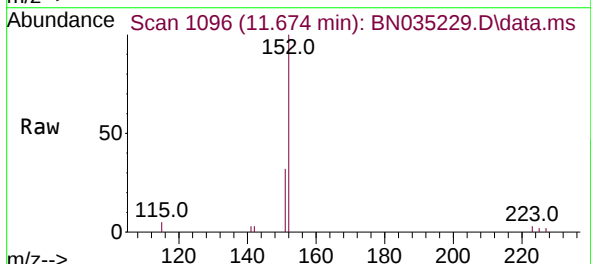
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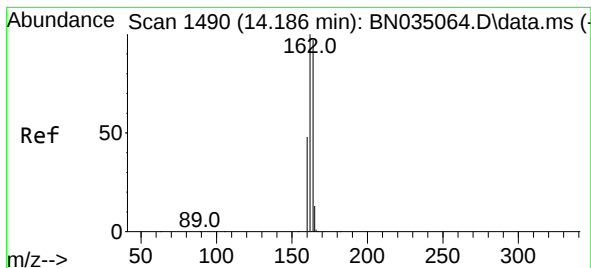
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 11.674 min Scan# 1096
Delta R.T. -0.004 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

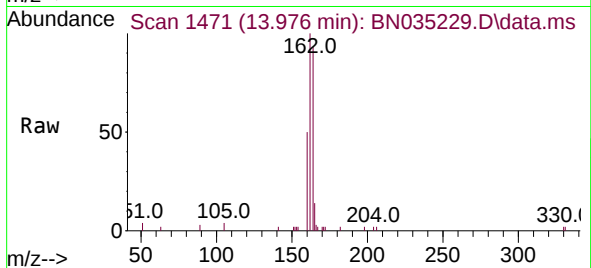
Tgt Ion:152 Resp: 3299
Ion Ratio Lower Upper
152 100
151 33.4 16.2 24.4#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.976 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

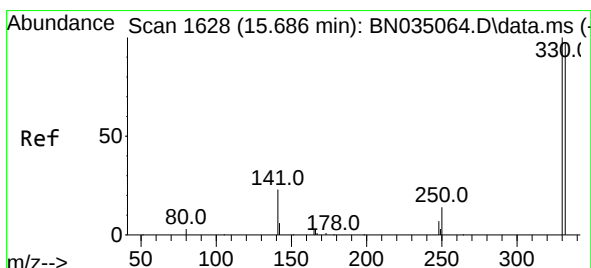
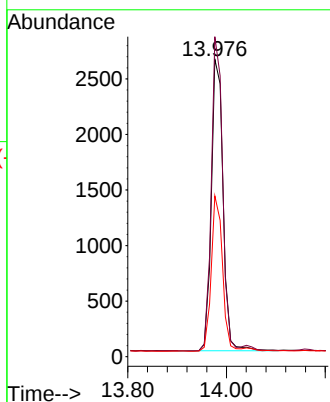
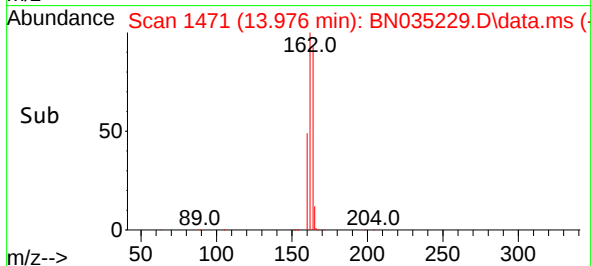
Instrument :
BNA_N
ClientSampleId :
DUP01-20241118



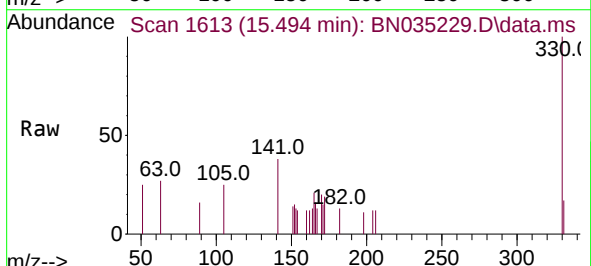
Tgt Ion:164 Resp: 4330
Ion Ratio Lower Upper
164 100
162 107.6 82.2 123.2
160 54.1 40.2 60.4

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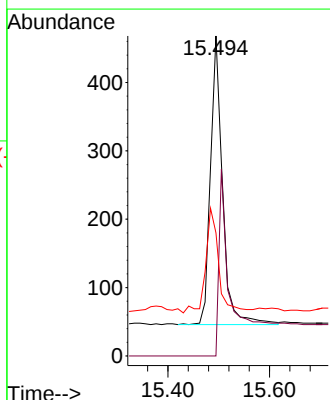
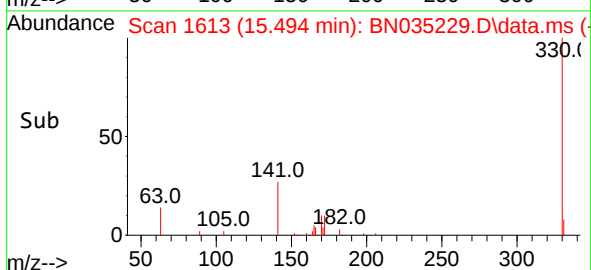
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

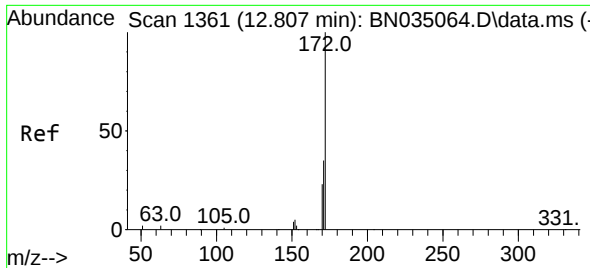


#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.494 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24



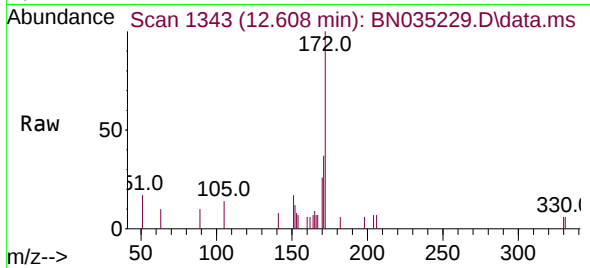
Tgt Ion:330 Resp: 730
Ion Ratio Lower Upper
330 100
332 0.0 76.9 115.3#
141 38.4 29.6 44.4





#15
2-Fluorobiphenyl
Concen: 0.061 ng
RT: 12.608 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

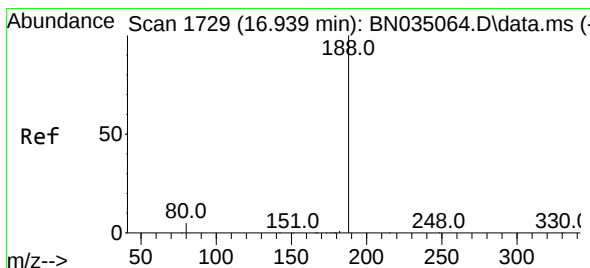
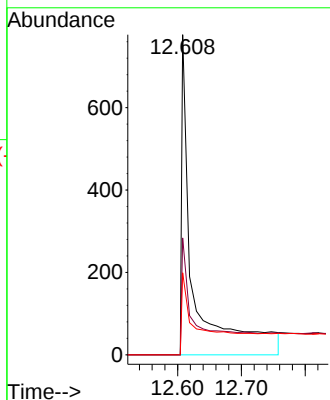
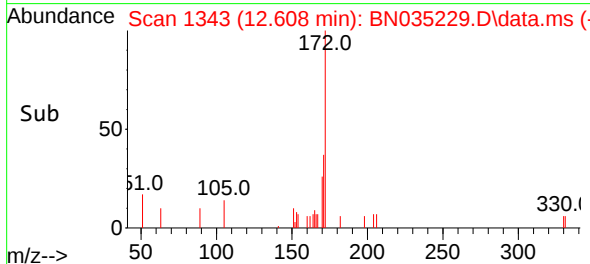
Instrument :
BNA_N
ClientSampleId :
DUP01-20241118



Tgt Ion:172 Resp: 1072
Ion Ratio Lower Upper
172 100
171 36.6 28.2 42.4
170 25.6 19.0 28.6

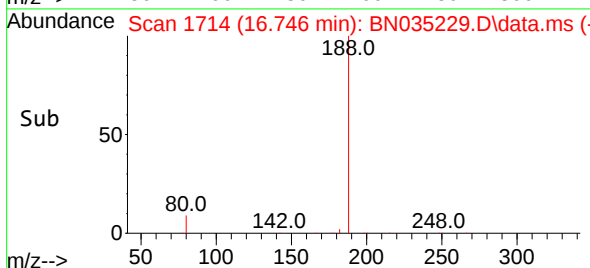
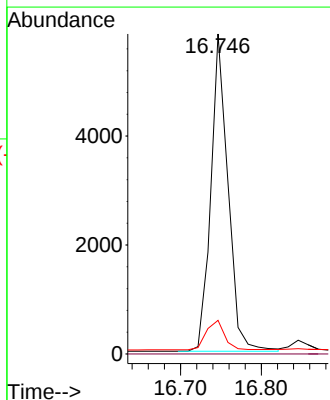
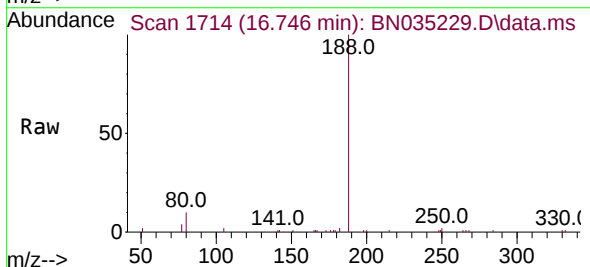
Manual Integrations
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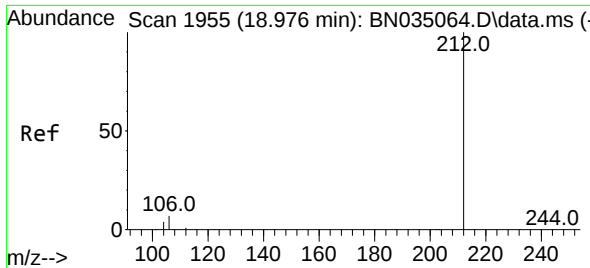
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.746 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

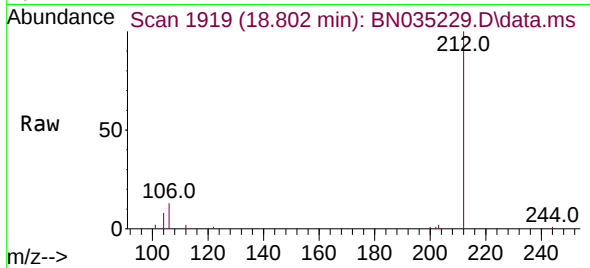
Tgt Ion:188 Resp: 8619
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 4.3 6.5





#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 18.802 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

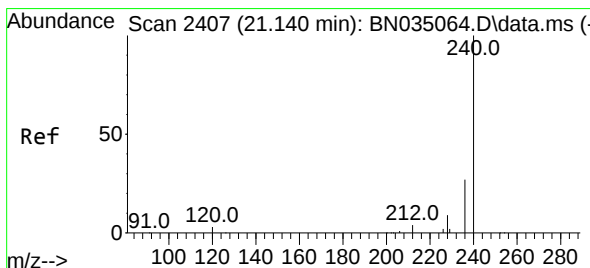
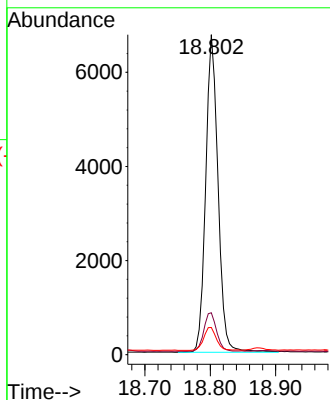
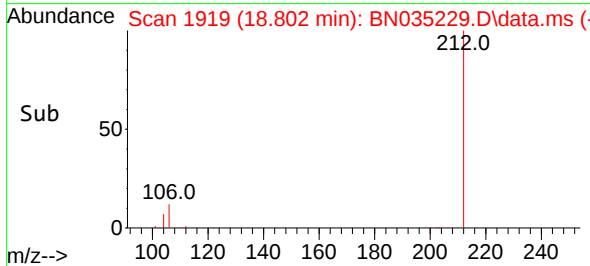
Instrument :
BNA_N
ClientSampleId :
DUP01-20241118



Tgt Ion:212 Resp: 8814
Ion Ratio Lower Upper
212 100
106 12.6 6.0 9.0#
104 7.3 3.5 5.3#

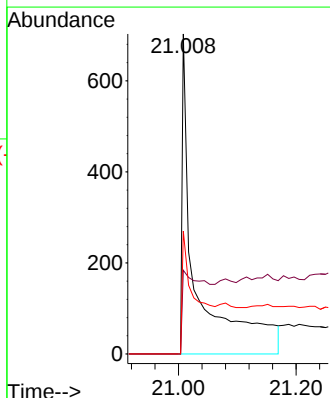
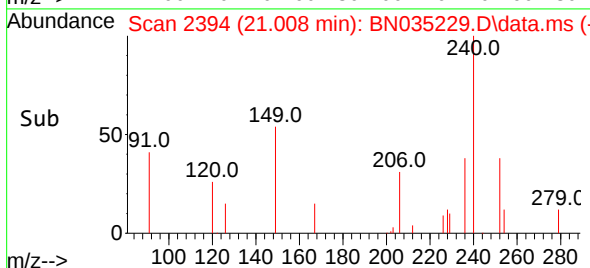
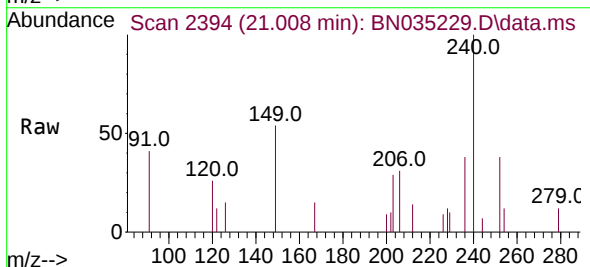
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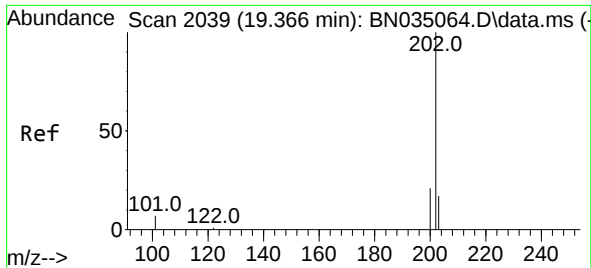
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Tgt Ion:240 Resp: 1170
Ion Ratio Lower Upper
240 100
120 26.2 3.8 5.6#
236 38.4 22.2 33.2#





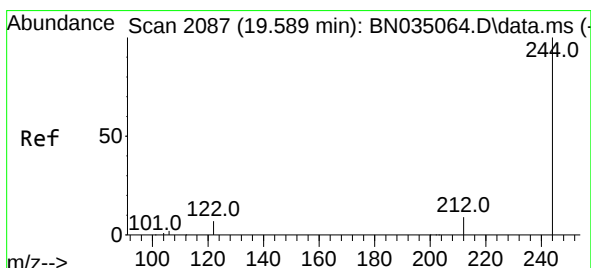
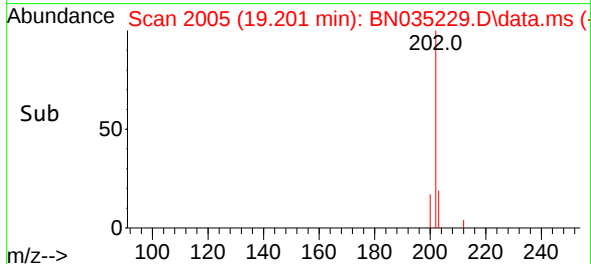
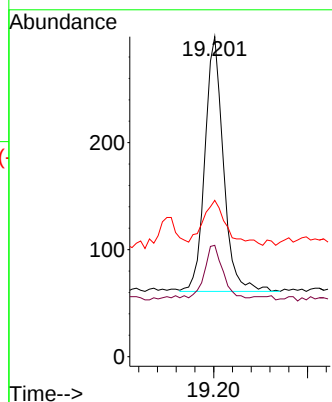
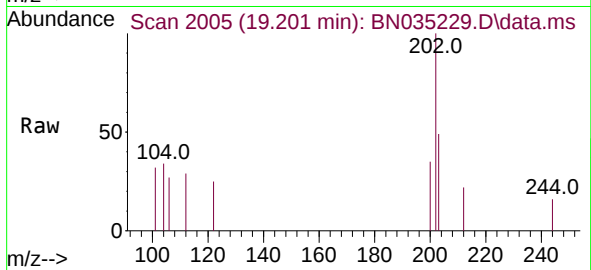
#30
Pyrene
Concen: 0.084 ng
RT: 19.201 min Scan# 2005
Delta R.T. -0.005 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
DUP01-20241118

Tgt Ion:202 Resp: 320
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 22.1 14.2 21.4

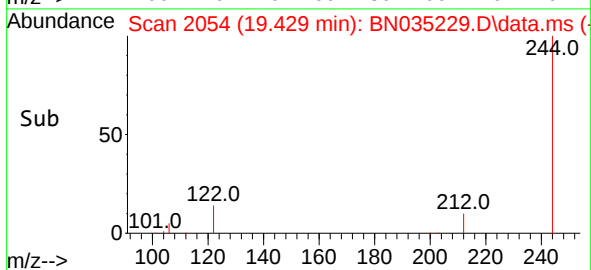
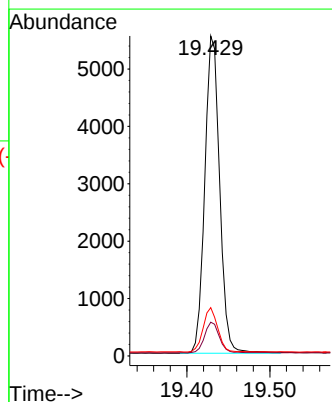
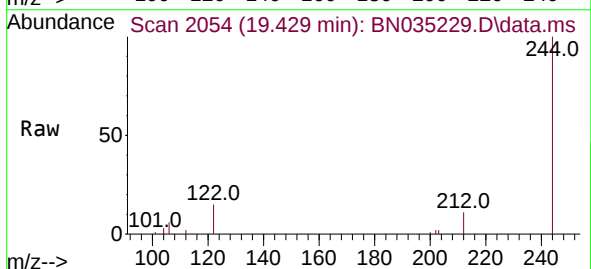
Manual Integrations
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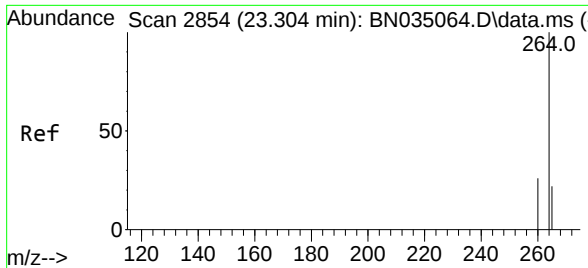
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#31
Terphenyl-d14
Concen: 2.808 ng
RT: 19.429 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

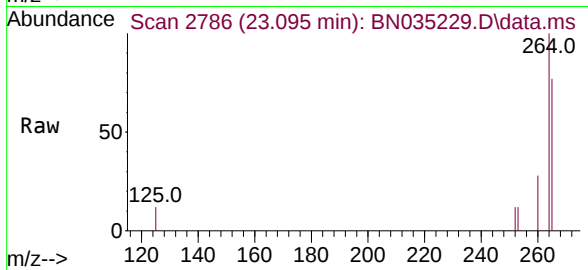
Tgt Ion:244 Resp: 6893
Ion Ratio Lower Upper
244 100
212 10.5 7.6 11.4
122 15.1 6.1 9.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.095 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035229.D
Acq: 21 Nov 2024 19:24

Instrument :
BNA_N
ClientSampleId :
DUP01-20241118



Tgt Ion:264 Resp: 5974
Ion Ratio Lower Upper
264 100
260 27.9 20.9 31.3
265 77.0 35.4 53.2

Manual Integrations
APPROVED

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

