

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035501.D
 Acq On : 09 Dec 2024 11:40
 Operator : RC/JU
 Sample : PB165433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165433BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 09 12:12:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	1678	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4392	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	3244	0.400	ng	0.00
19) Phenanthrene-d10	16.735	188	7497	0.400	ng	# 0.00
29) Chrysene-d12	20.974	240	5572	0.400	ng	0.00
35) Perylene-d12	23.067	264	4964	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	1452	0.346	ng	-0.01
5) Phenol-d6	6.506	99	1587	0.314	ng	0.00
8) Nitrobenzene-d5	8.440	82	1081m	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	2998	0.436	ng	0.00
14) 2,4,6-Tribromophenol	15.496	330	287	0.125	ng	0.02
15) 2-Fluorobiphenyl	12.579	172	4894	0.399	ng	0.00
27) Fluoranthene-d10	18.785	212	8306	0.391	ng	0.00
31) Terphenyl-d14	19.412	244	6098	0.555	ng	0.00

Target Compounds Qvalue

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

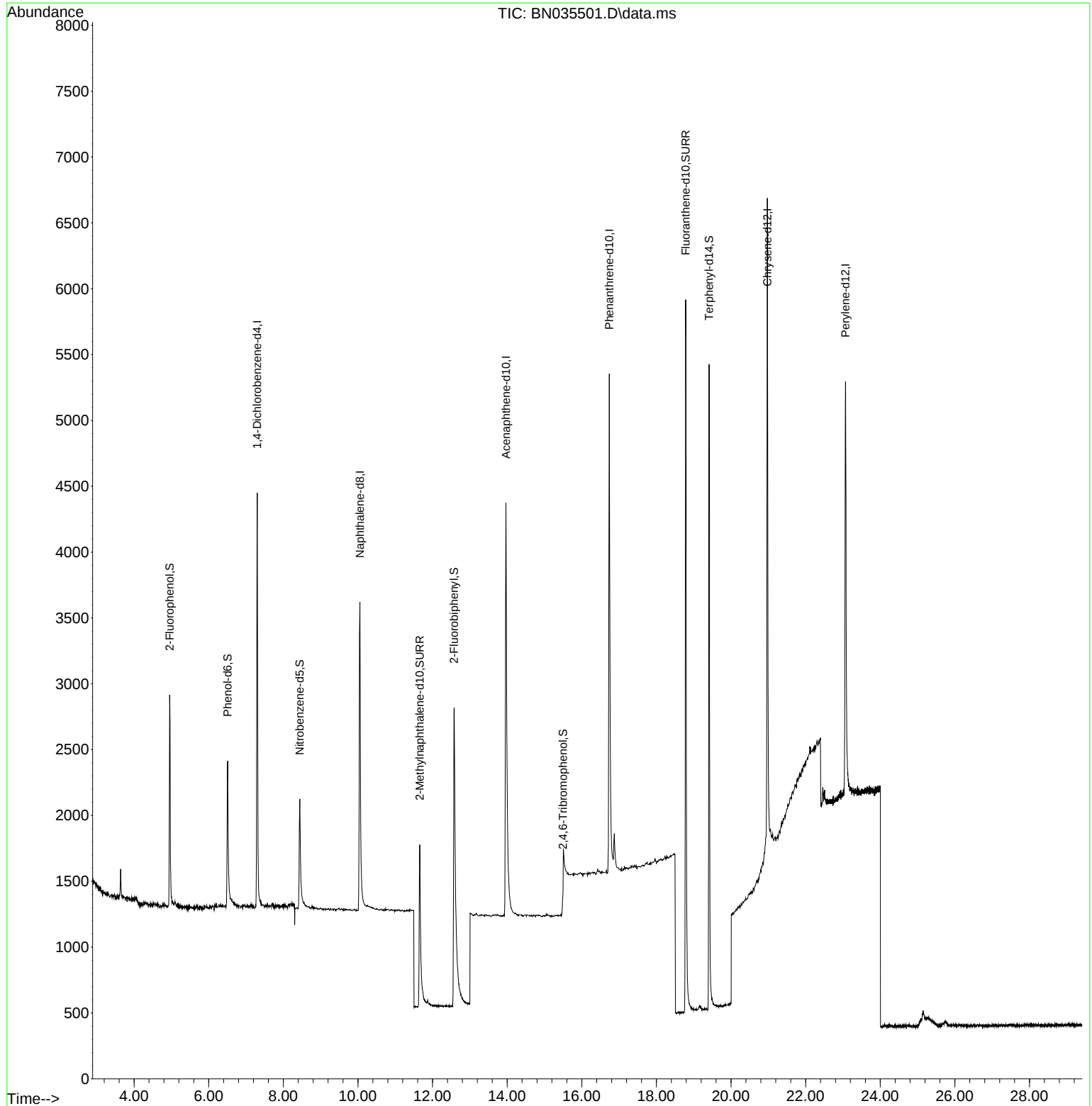
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
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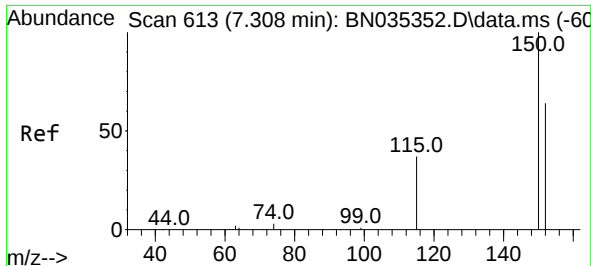
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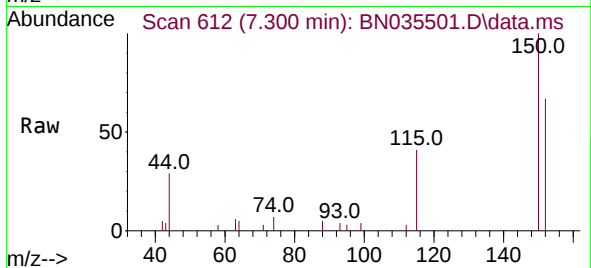
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Instrument :

BNA_N

ClientSampleId :

PB165433BL



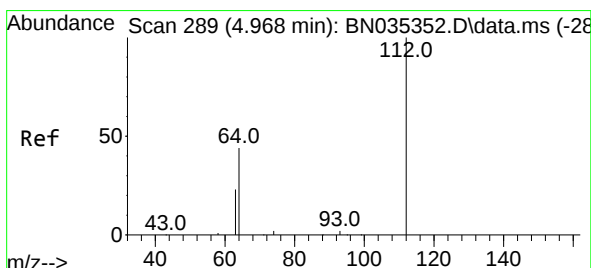
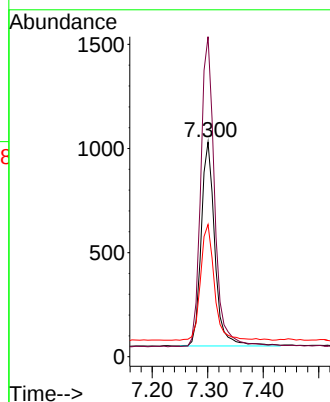
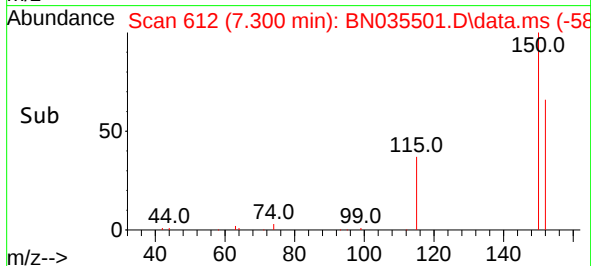
Tgt Ion:152 Resp: 1678
Ion Ratio Lower Upper
152 100
150 149.1 124.0 186.0
115 61.6 49.6 74.4

Manual Integrations

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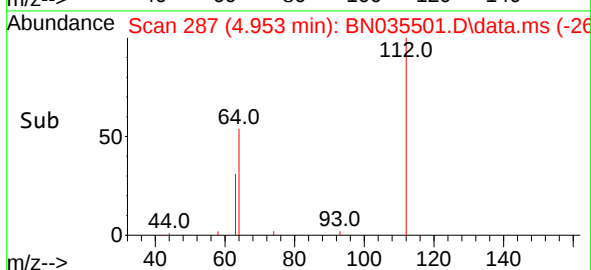
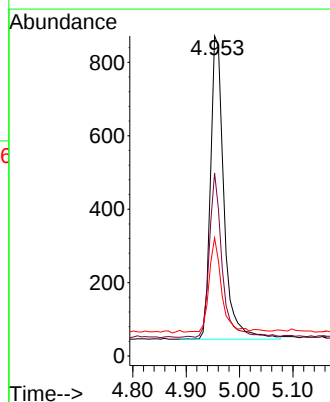
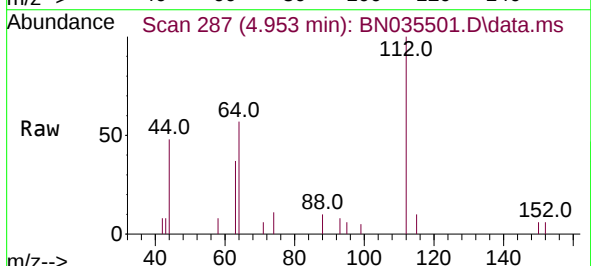
Reviewed By :Yogesh Patel 12/11/2024

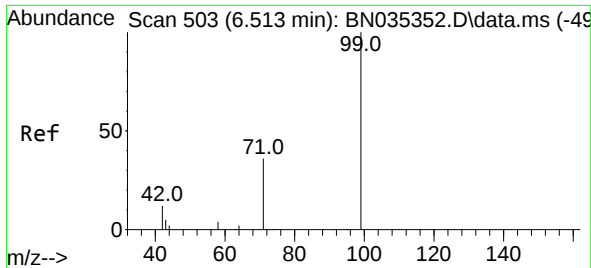
Supervised By :mohammad ahmed 12/11/2024



#4
2-Fluorophenol
Concen: 0.346 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:112 Resp: 1452
Ion Ratio Lower Upper
112 100
64 51.4 39.8 59.8
63 28.0 21.0 31.6





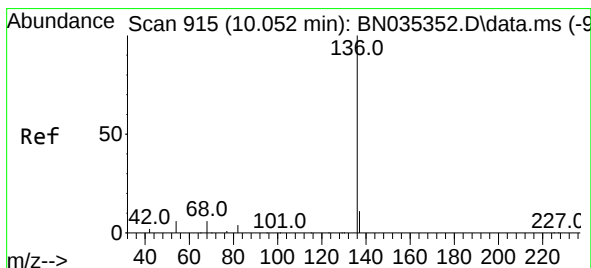
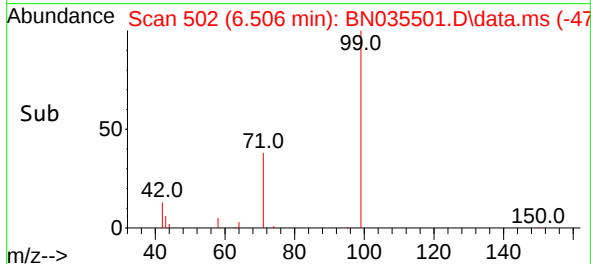
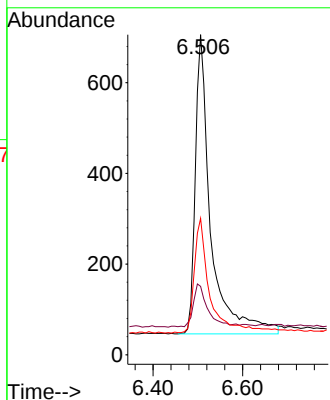
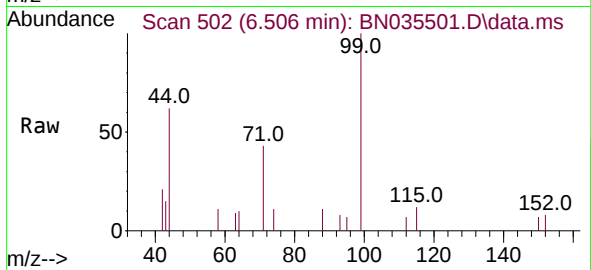
#5
Phenol-d6
Concen: 0.314 ng
RT: 6.506 min Scan# 503
Delta R.T. -0.007 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Instrument :
BNA_N
ClientSampleId :
PB165433BL

Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 12.9 11.4 17.2
71 38.8 29.3 43.9

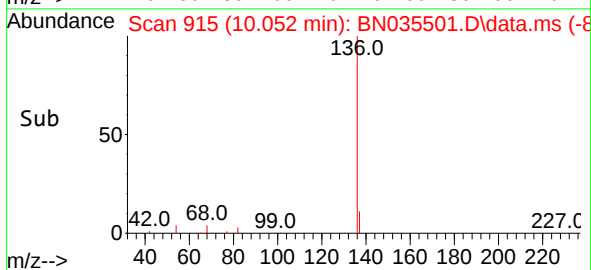
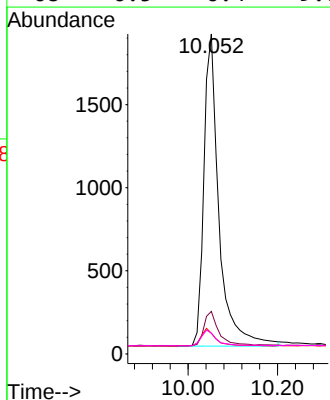
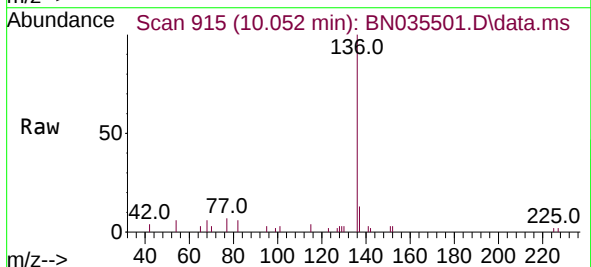
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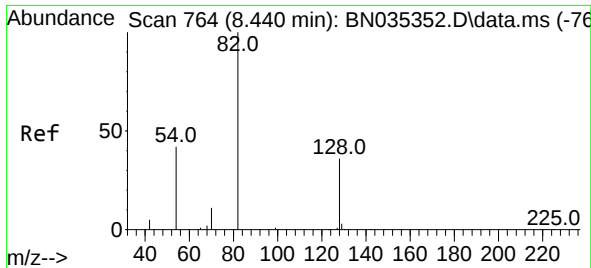
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:136 Resp: 4392
Ion Ratio Lower Upper
136 100
137 13.3 10.2 15.2
54 6.5 6.1 9.1
68 6.5 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.403 ng m
RT: 8.440 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Instrument :

BNA_N

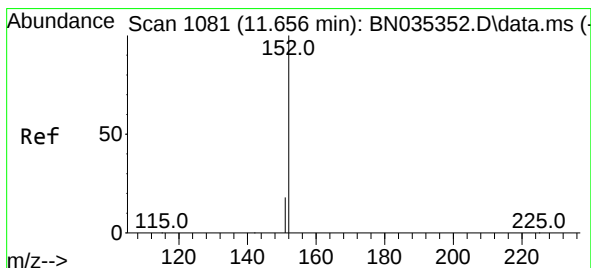
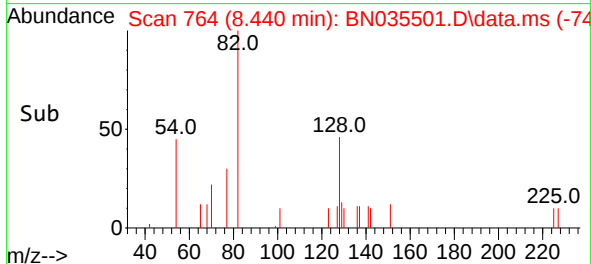
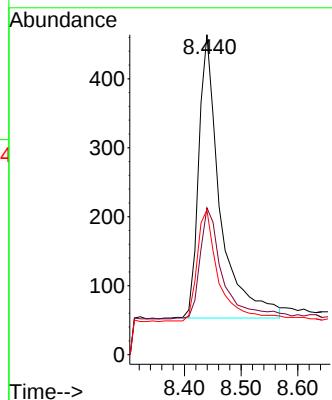
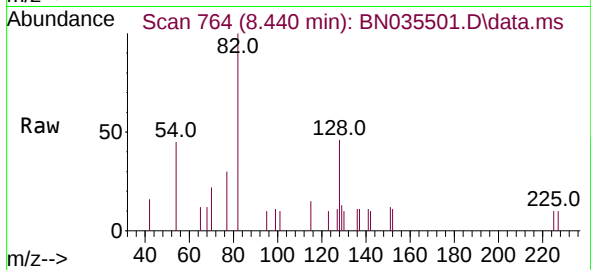
ClientSampleId :

PB165433BL

Tgt Ion: 82 Resp: 108
Ion Ratio Lower Upper
82 100
128 45.9 33.4 50.0
54 45.3 36.7 55.1

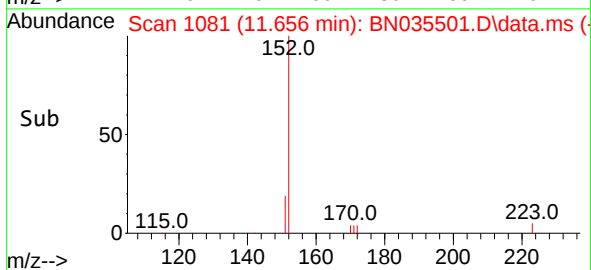
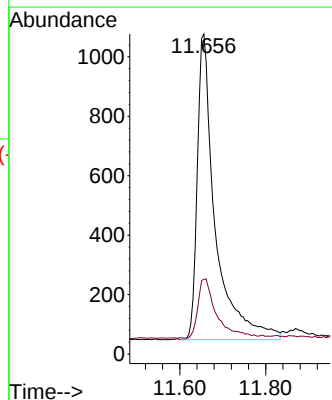
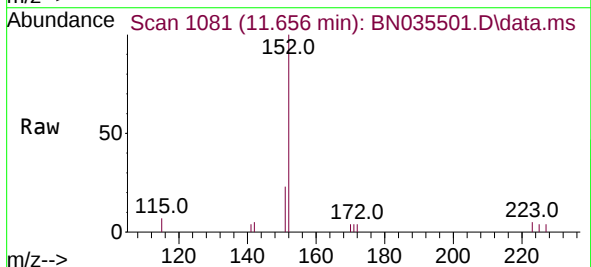
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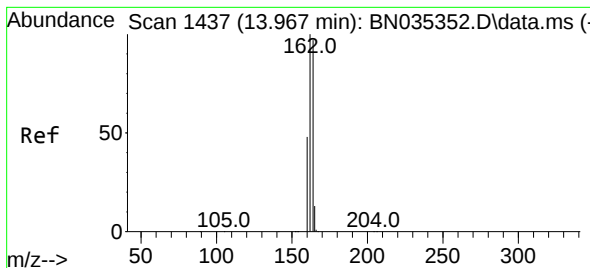
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 11.656 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:152 Resp: 2998
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.967 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BN035501.D

Acq: 09 Dec 2024 11:40

Instrument :

BNA_N

ClientSampleId :

PB165433BL

Tgt Ion:164 Resp: 324

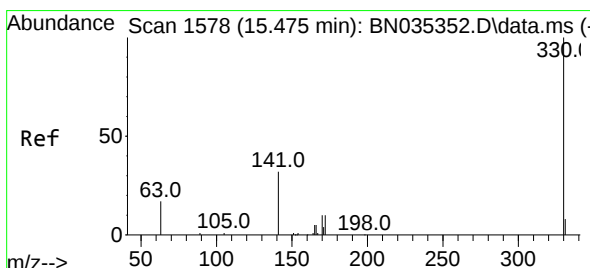
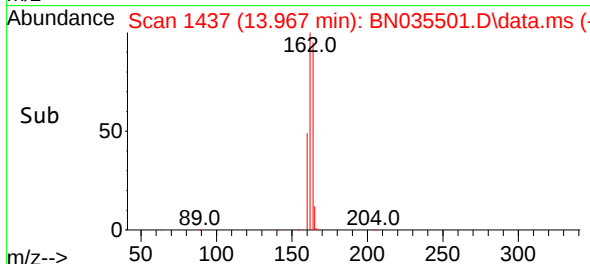
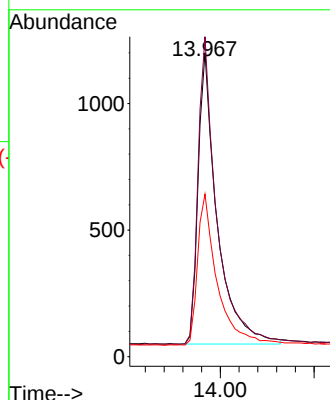
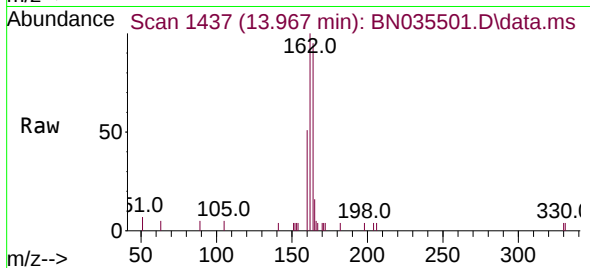
Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.2
160	53.5	40.1	60.1

Manual Integrations

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Supervised By :mohammad ahmed 12/11/2024



#14

2,4,6-Tribromophenol

Concen: 0.125 ng

RT: 15.496 min Scan# 1580

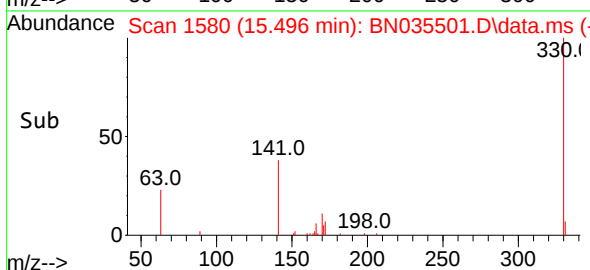
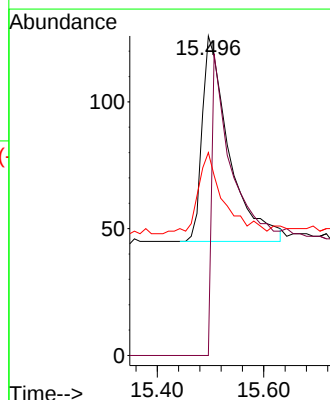
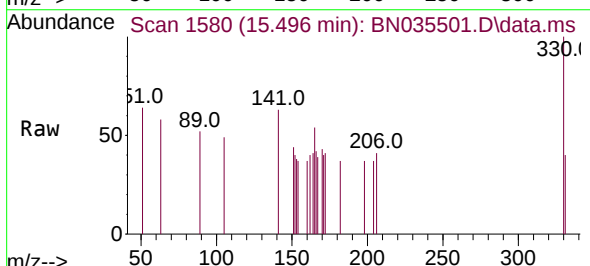
Delta R.T. 0.021 min

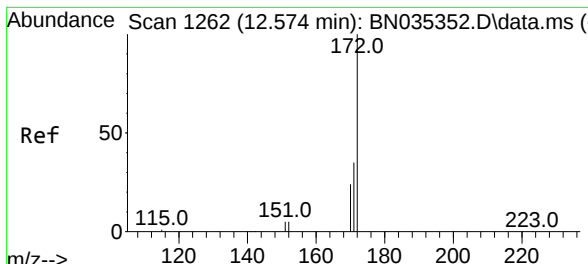
Lab File: BN035501.D

Acq: 09 Dec 2024 11:40

Tgt Ion:330 Resp: 287

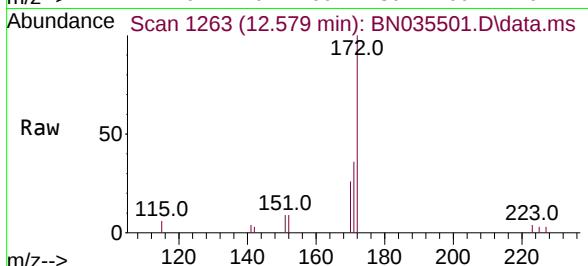
Ion	Ratio	Lower	Upper
330	100		
332	176.7	0.0	0.0#
141	37.6	26.6	40.0





#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.579 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

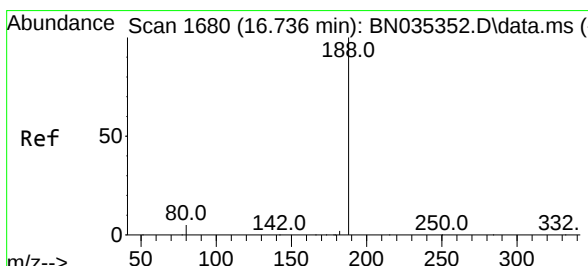
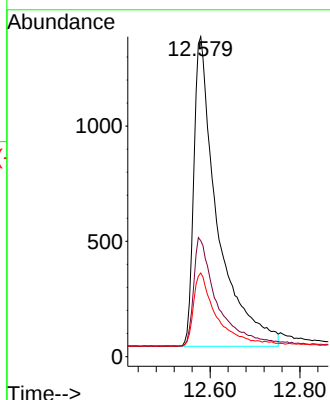
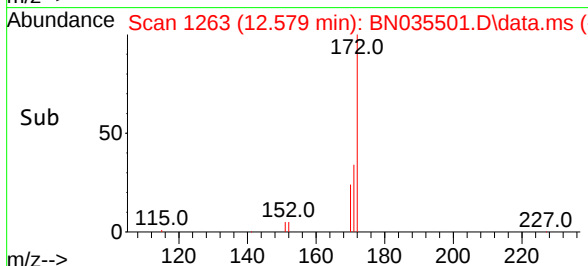
Instrument :
BNA_N
ClientSampleId :
PB165433BL



Tgt Ion:172 Resp: 4894
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 26.2 19.8 29.8

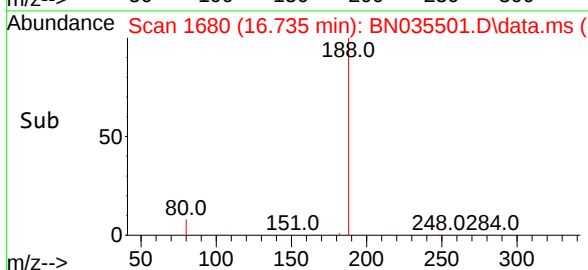
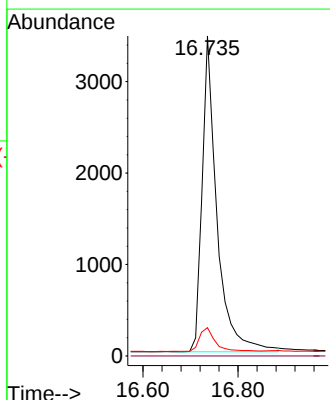
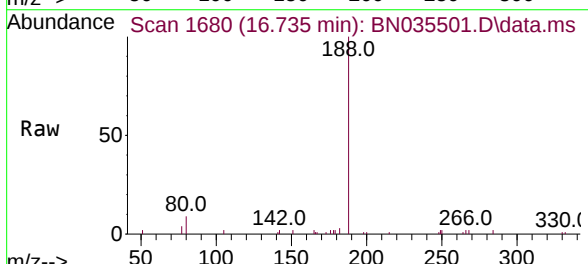
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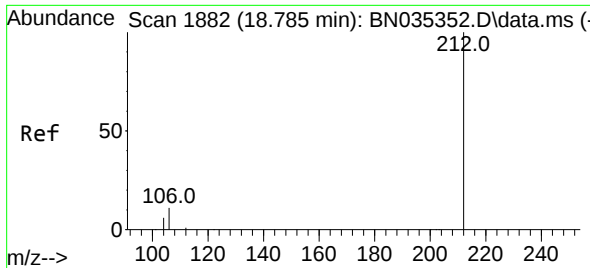
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.735 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:188 Resp: 7497
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.785 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Instrument :

BNA_N

ClientSampleId :

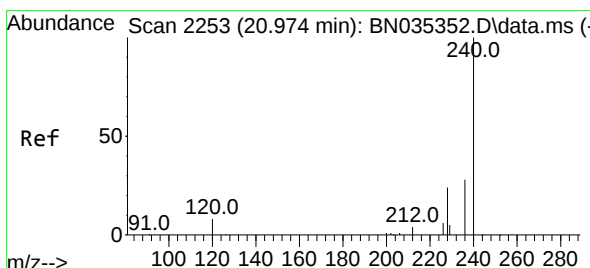
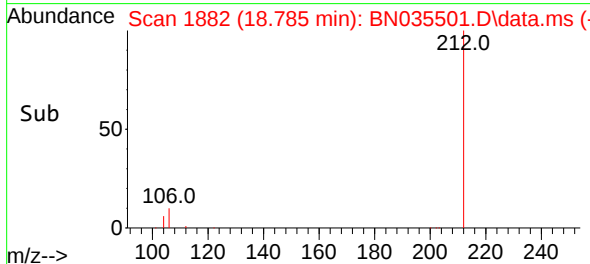
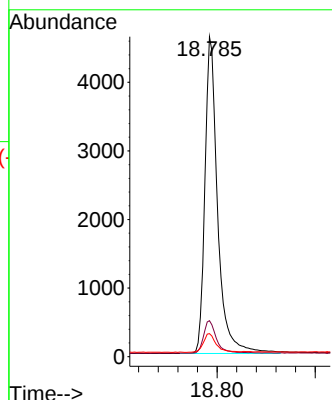
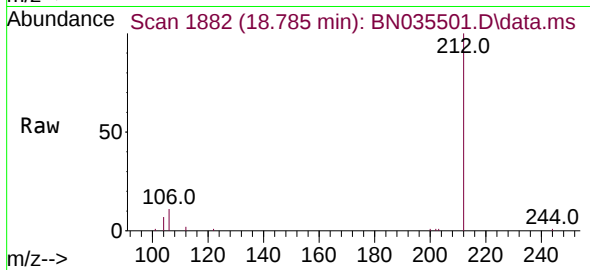
PB165433BL

Tgt Ion:212 Resp: 8300
Ion Ratio Lower Upper
212 100
106 10.3 9.2 13.8
104 5.9 5.3 7.9

Manual Integrations

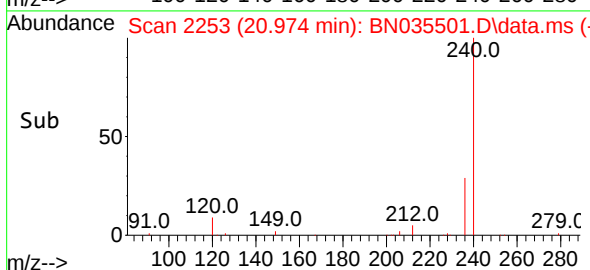
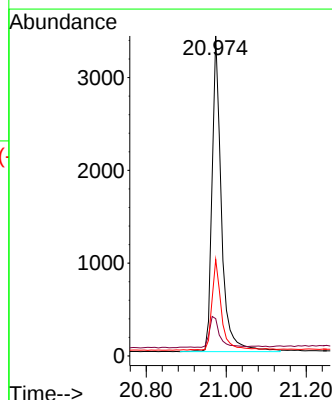
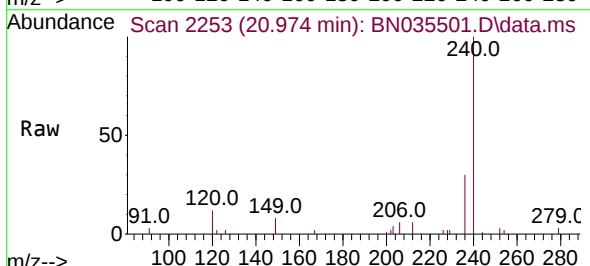
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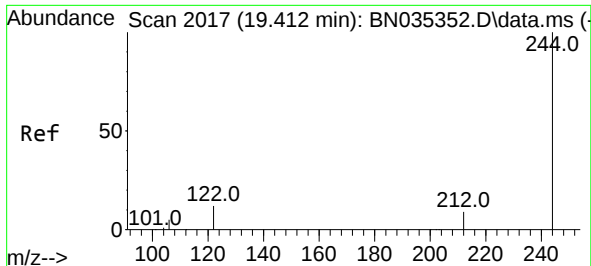
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:240 Resp: 5572
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 30.2 22.9 34.3





#31
Terphenyl-d14
Concen: 0.555 ng
RT: 19.412 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Instrument :

BNA_N

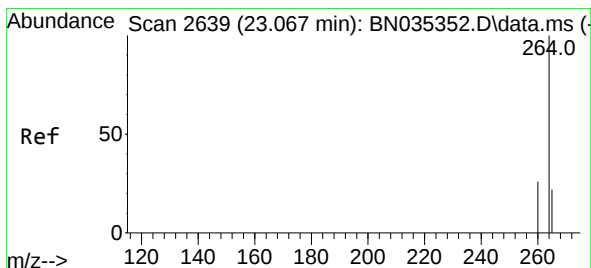
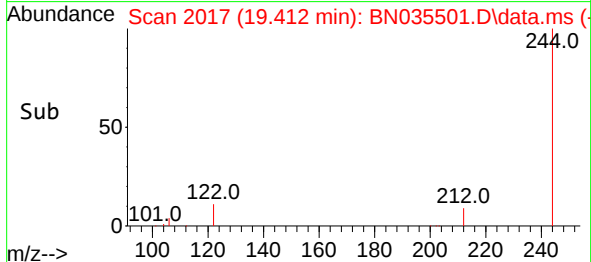
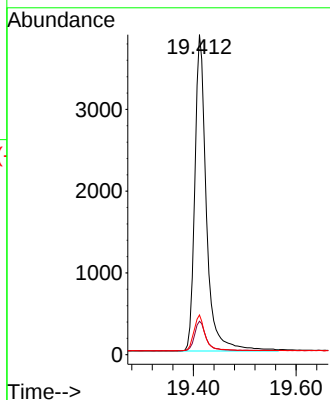
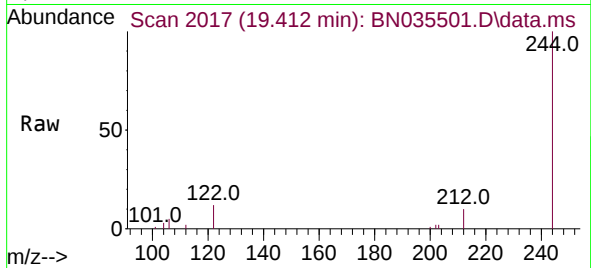
ClientSampleId :

PB165433BL

Tgt Ion:244 Resp: 6098
Ion Ratio Lower Upper
244 100
212 10.5 8.1 12.1
122 12.4 10.3 15.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 2639
Delta R.T. -0.000 min
Lab File: BN035501.D
Acq: 09 Dec 2024 11:40

Tgt Ion:264 Resp: 4964
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 81.1 40.2 60.4#

