

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035831.D
 Acq On : 24 Dec 2024 22:07
 Operator : RC/JU
 Sample : PB165596BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165596BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:55:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	4175	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	9064	0.400	ng	-0.01
13) Acenaphthene-d10	13.935	164	5565	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	10427	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	8385	0.400	ng	# 0.00
35) Perylene-d12	23.035	264	8128	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	3132	0.300	ng	-0.01
5) Phenol-d6	6.477	99	2766	0.220	ng	-0.01
8) Nitrobenzene-d5	8.418	82	2502m	0.452	ng	0.01
11) 2-Methylnaphthalene-d10	11.636	152	4854	0.342	ng	0.02
14) 2,4,6-Tribromophenol	15.475	330	385	0.097	ng	0.02
15) 2-Fluorobiphenyl	12.559	172	7363	0.350	ng	0.02
27) Fluoranthene-d10	18.761	212	11459	0.388	ng	0.00
31) Terphenyl-d14	19.388	244	9065	0.548	ng	0.00

Target Compounds Qvalue

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

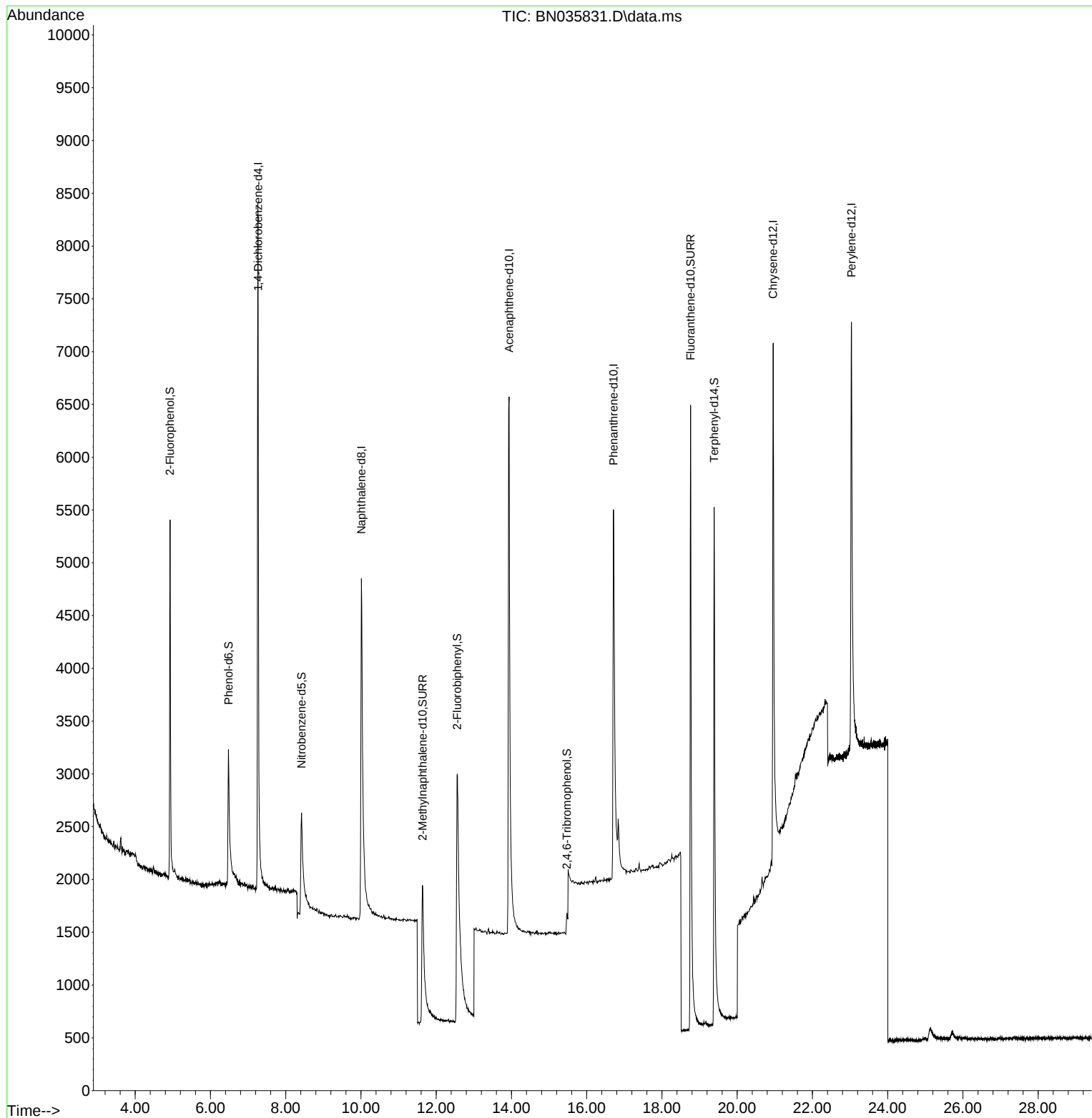
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035831.D
Acq On : 24 Dec 2024 22:07
Operator : RC/JU
Sample : PB165596BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165596BL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:55:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





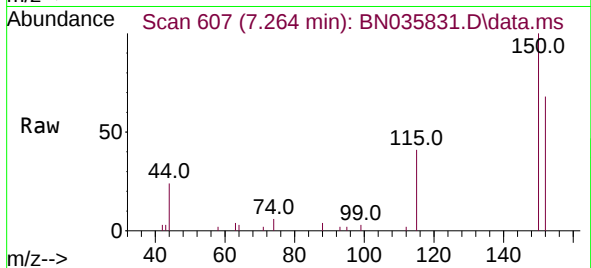
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Instrument :

BNA_N

ClientSampleId :

PB165596BL



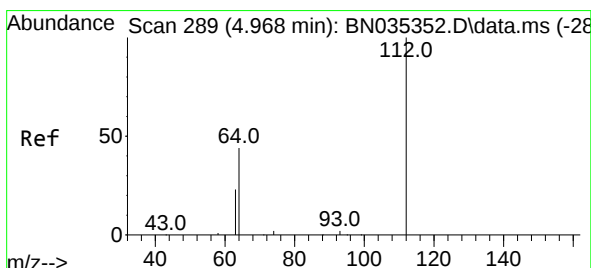
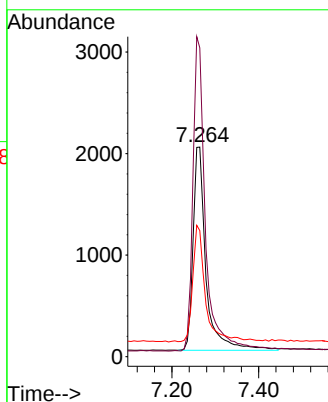
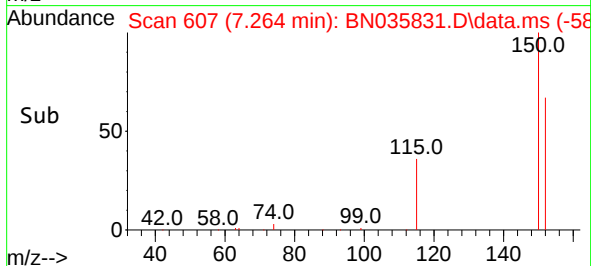
Tgt Ion:152 Resp: 417
Ion Ratio Lower Upper
152 100
150 147.3 124.0 186.0
115 60.1 49.6 74.4

Manual Integrations

APPROVED

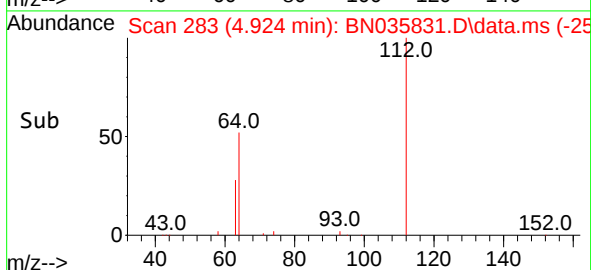
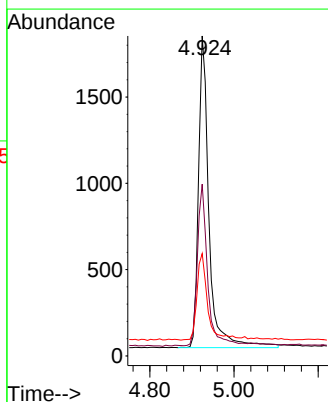
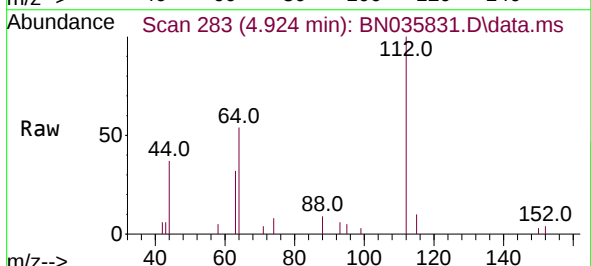
Reviewed By :Yogesh Patel 12/25/2024

Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.300 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Tgt Ion:112 Resp: 3132
Ion Ratio Lower Upper
112 100
64 50.3 39.8 59.8
63 28.0 21.0 31.6





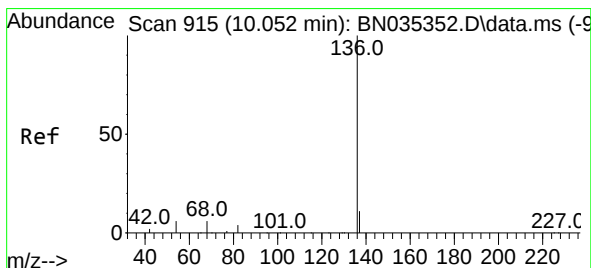
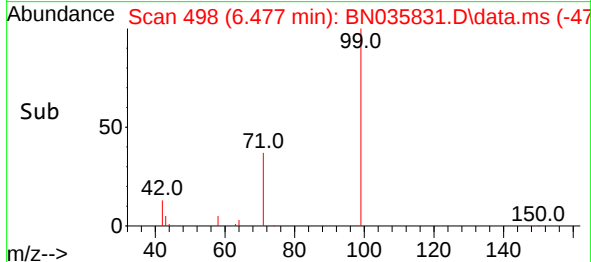
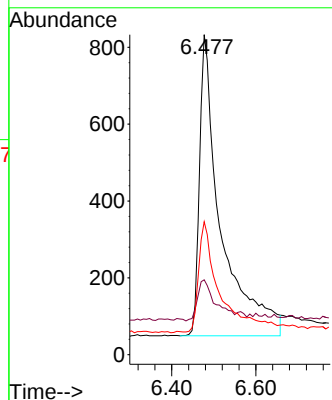
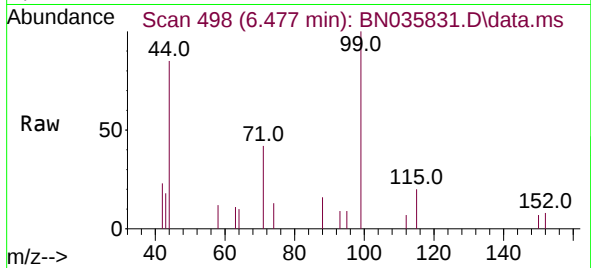
#5
Phenol-d6
Concen: 0.220 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Instrument :
BNA_N
ClientSampleId :
PB165596BL

Tgt Ion: 99 Resp: 2760
Ion Ratio Lower Upper
99 100
42 11.6 11.4 17.2
71 36.2 29.3 43.9

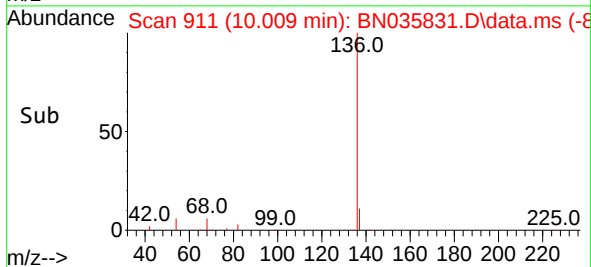
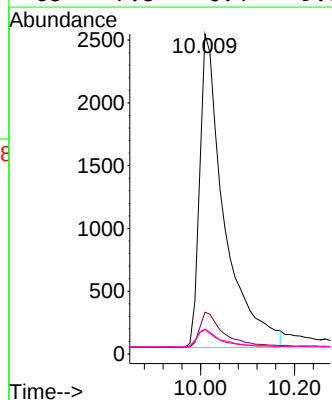
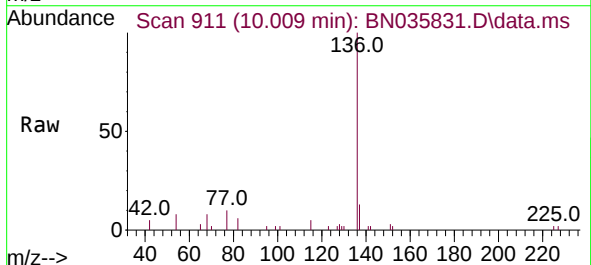
Manual Integrations
APPROVED

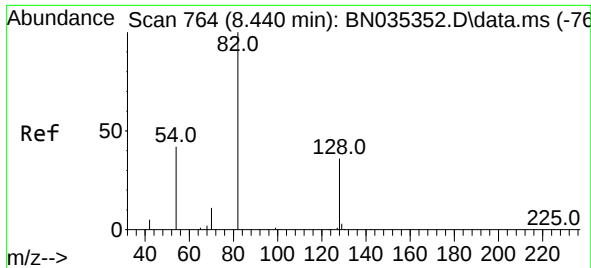
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Tgt Ion:136 Resp: 9064
Ion Ratio Lower Upper
136 100
137 13.1 10.2 15.2
54 7.6 6.1 9.1
68 7.8 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.452 ng m
RT: 8.418 min Scan# 70
Delta R.T. 0.011 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Instrument :

BNA_N

ClientSampleId :

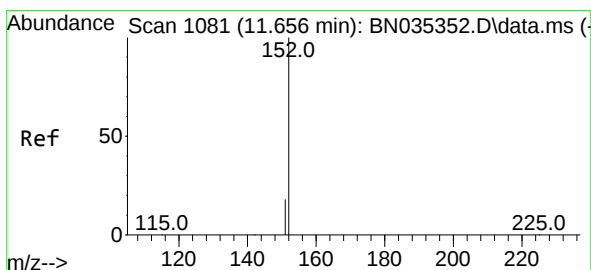
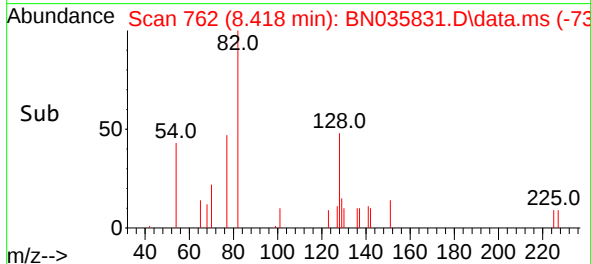
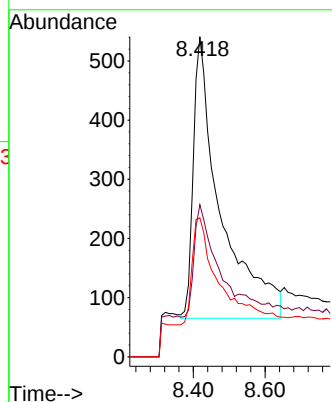
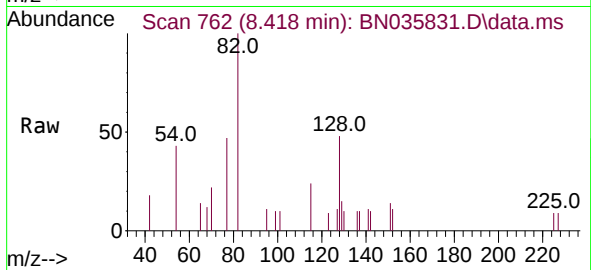
PB165596BL

Tgt Ion: 82 Resp: 250
Ion Ratio Lower Upper
82 100
128 47.5 33.4 50.0
54 43.4 36.7 55.1

Manual Integrations

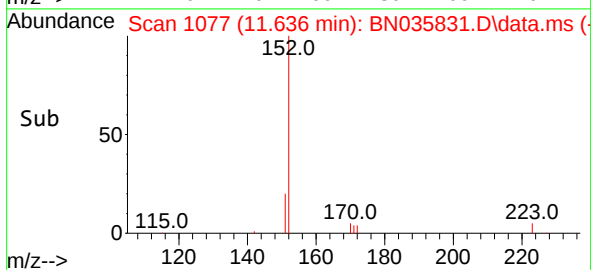
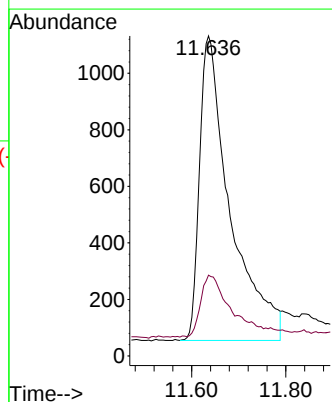
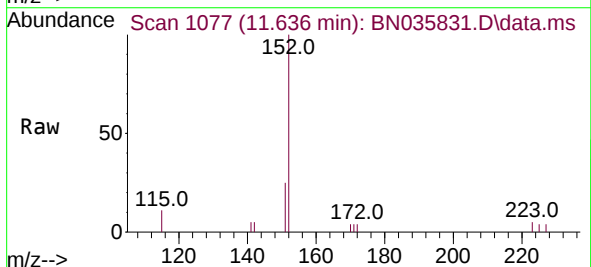
APPROVED

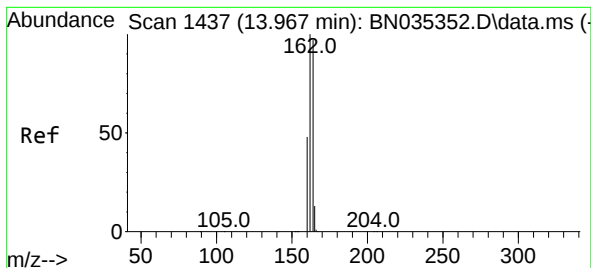
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.636 min Scan# 1077
Delta R.T. 0.015 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Tgt Ion:152 Resp: 4854
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BN035831.D

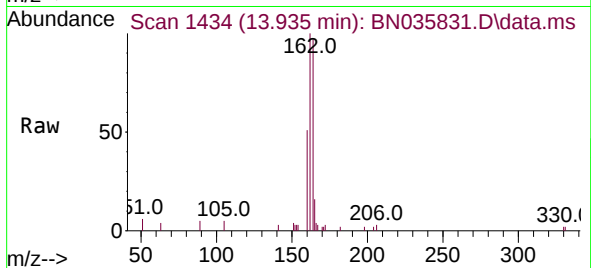
Acq: 24 Dec 2024 22:07

Instrument :

BNA_N

ClientSampleId :

PB165596BL



Tgt Ion:164 Resp: 556

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

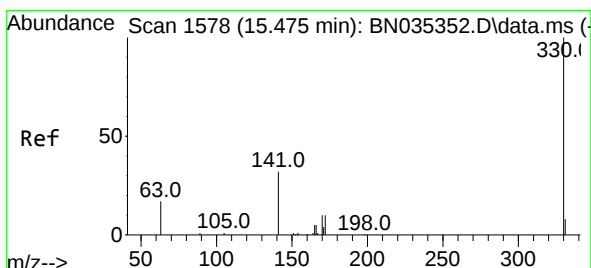
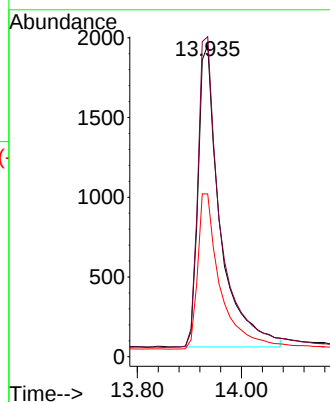
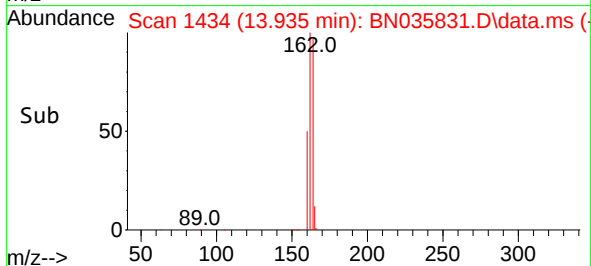
160 52.2 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2024

Supervised By :mohammad ahmed 12/26/2024



#14

2,4,6-Tribromophenol

Concen: 0.097 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035831.D

Acq: 24 Dec 2024 22:07

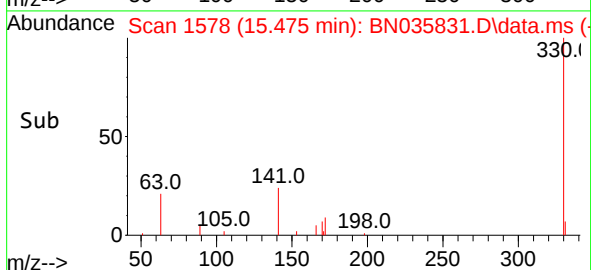
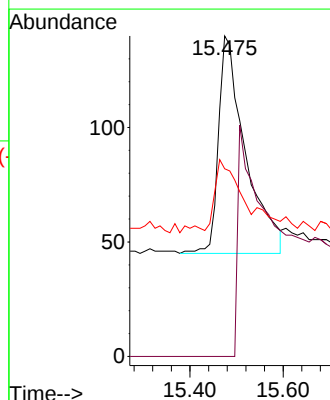
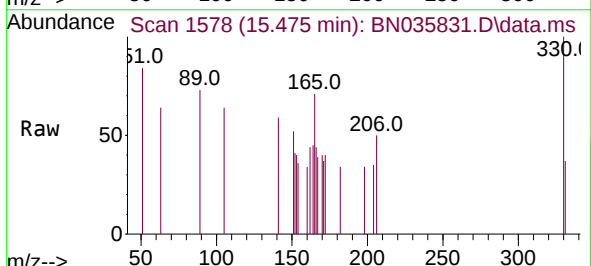
Tgt Ion:330 Resp: 385

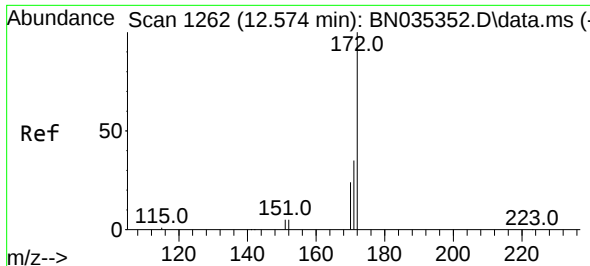
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.3 26.6 40.0





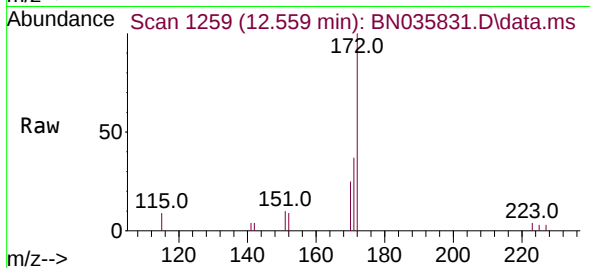
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.559 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Instrument :

BNA_N

ClientSampleId :

PB165596BL



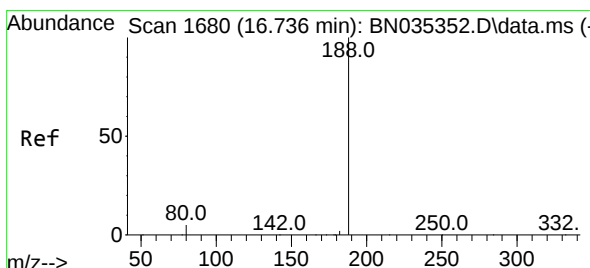
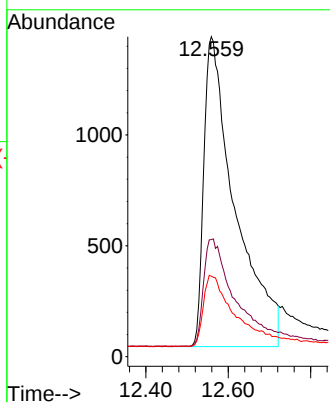
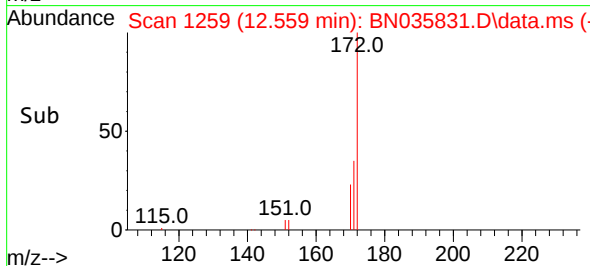
Tgt Ion:172 Resp: 736
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.2 19.8 29.8

Manual Integrations

APPROVED

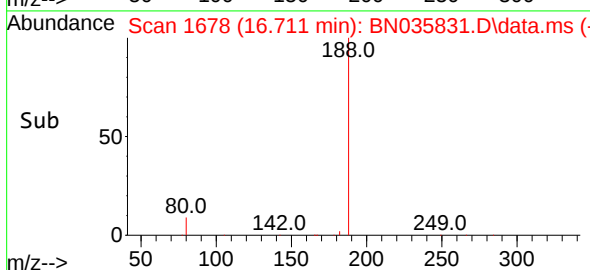
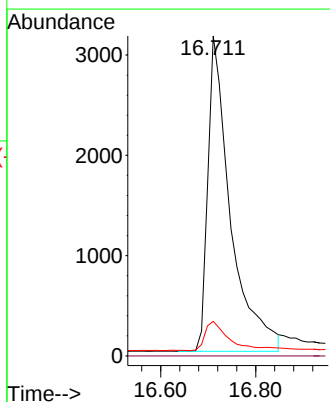
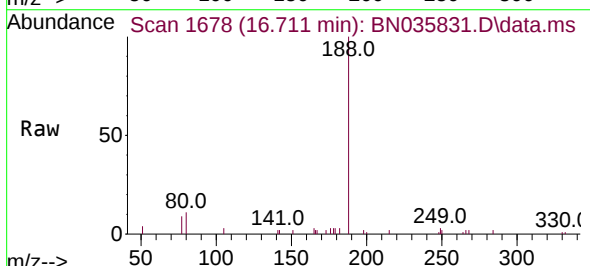
Reviewed By :Yogesh Patel 12/25/2024

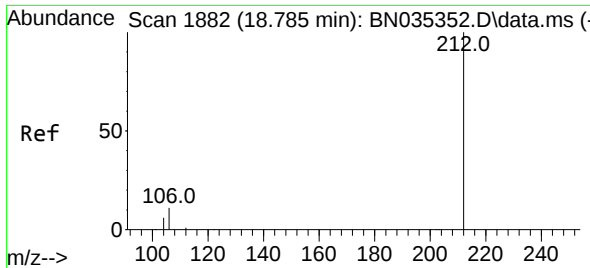
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

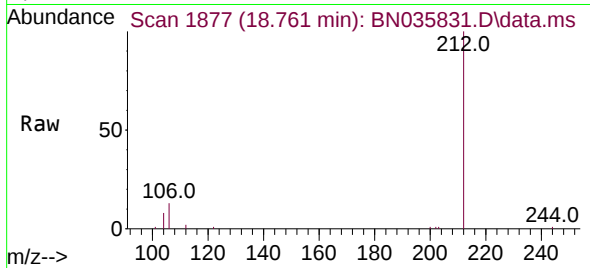
Tgt Ion:188 Resp: 10427
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

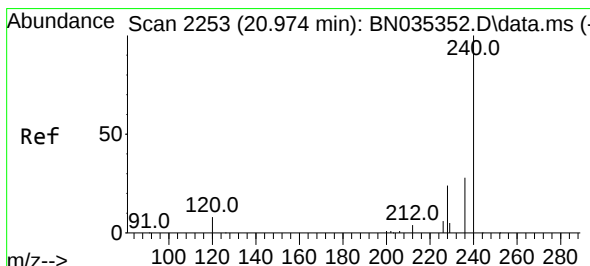
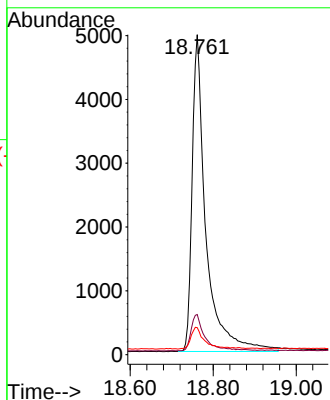
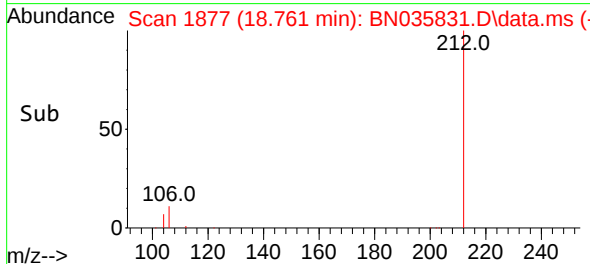
Instrument :
BNA_N
ClientSampleId :
PB165596BL



Tgt Ion:212 Resp: 11459
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.8 5.3 7.9

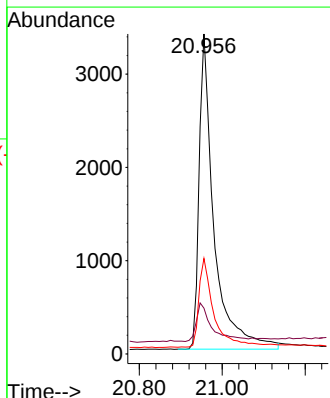
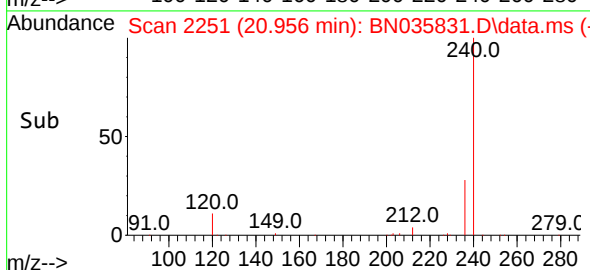
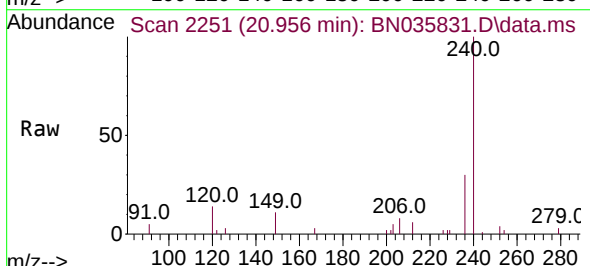
Manual Integrations
APPROVED

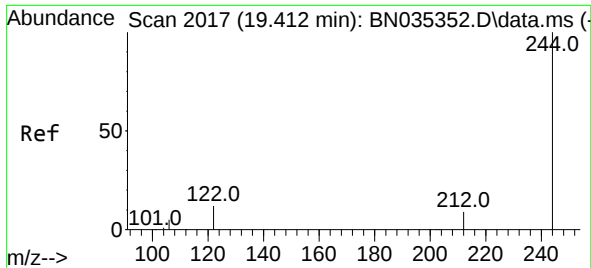
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Tgt Ion:240 Resp: 8385
Ion Ratio Lower Upper
240 100
120 14.3 7.9 11.9#
236 29.8 22.9 34.3





#31
Terphenyl-d14
Concen: 0.548 ng
RT: 19.388 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Instrument :

BNA_N

ClientSampleId :

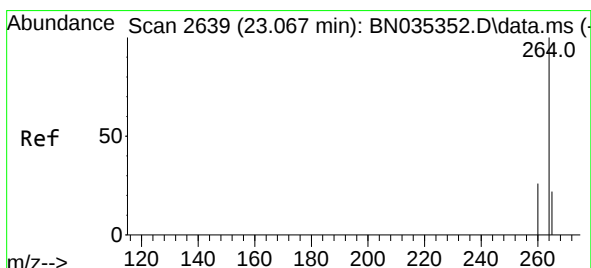
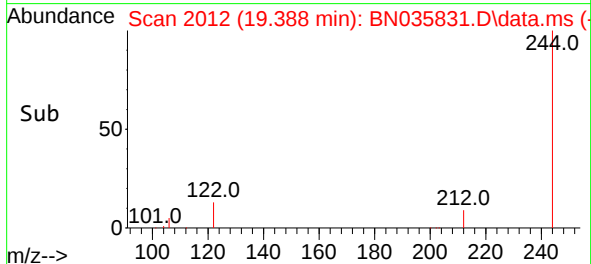
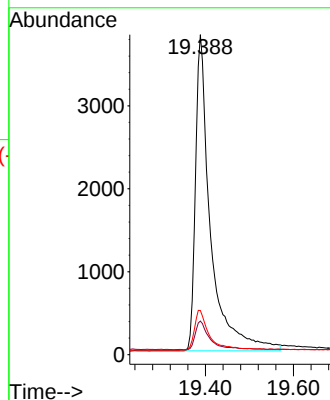
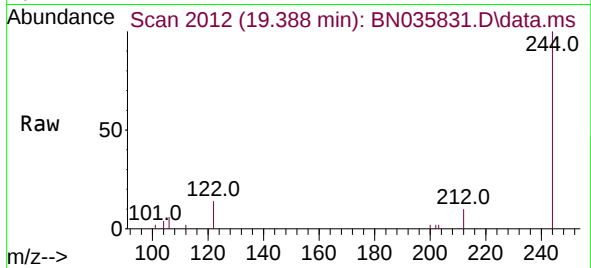
PB165596BL

Tgt Ion:244 Resp: 906
Ion Ratio Lower Upper
244 100
212 10.5 8.1 12.1
122 13.8 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.035 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BN035831.D
Acq: 24 Dec 2024 22:07

Tgt Ion:264 Resp: 8128
Ion Ratio Lower Upper
264 100
260 28.2 21.4 32.2
265 92.0 40.2 60.4#

