

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035834.D
 Acq On : 24 Dec 2024 23:53
 Operator : RC/JU
 Sample : P5376-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20241219

Quant Time: Dec 25 02:35:10 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3211	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	7680	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4788	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10028	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8231	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	7812	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	770	0.096	ng	-0.01
5) Phenol-d6	6.477	99	388	0.040	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1810m	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4135	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	529	0.156	ng	0.00
15) 2-Fluorobiphenyl	12.533	172	6614	0.365	ng	-0.01
27) Fluoranthene-d10	18.747	212	11419	0.402	ng	-0.01
31) Terphenyl-d14	19.379	244	8341	0.514	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	20.893	149	474	0.042	ng	# 96

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

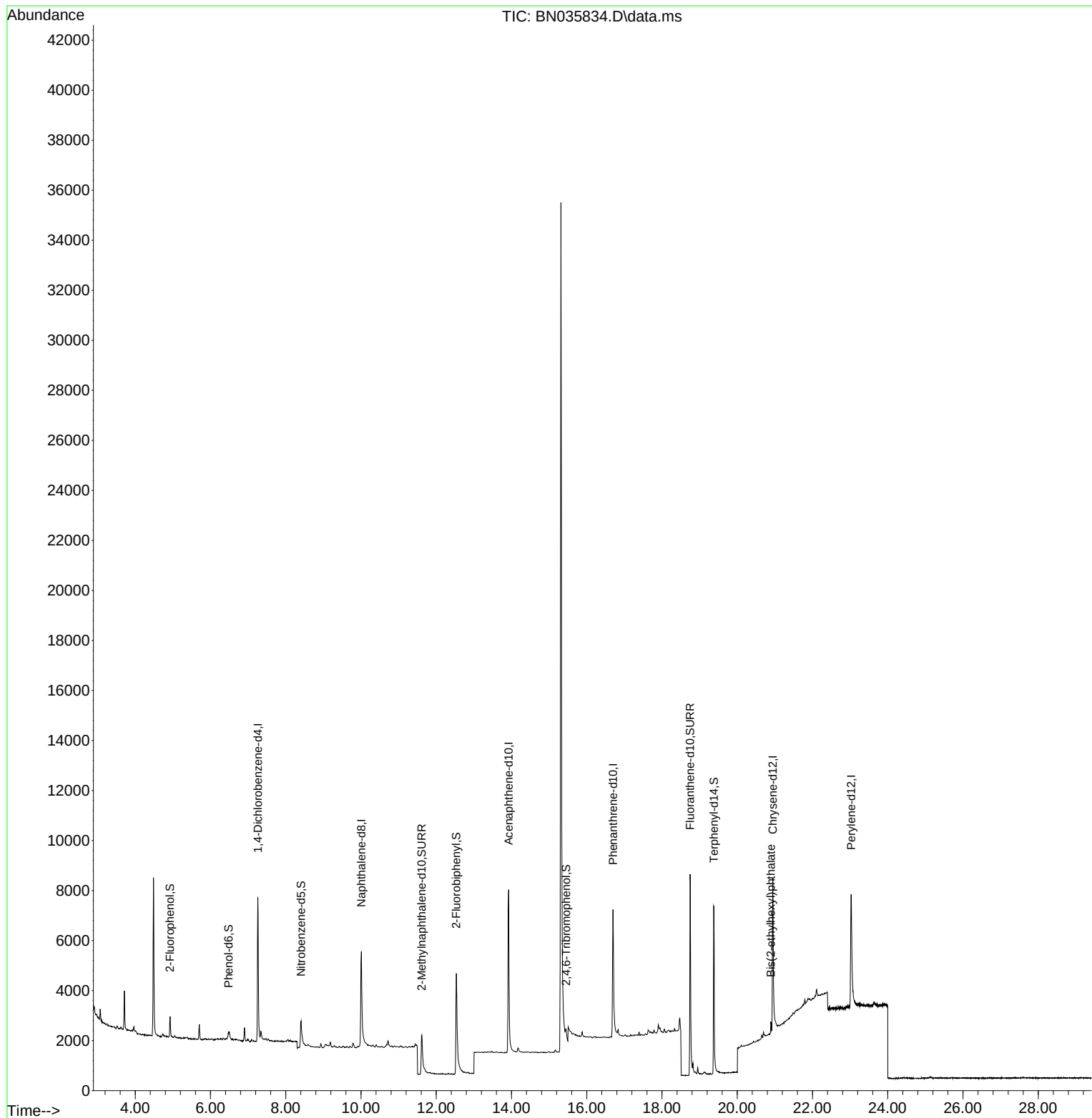
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035834.D
Acq On : 24 Dec 2024 23:53
Operator : RC/JU
Sample : P5376-17
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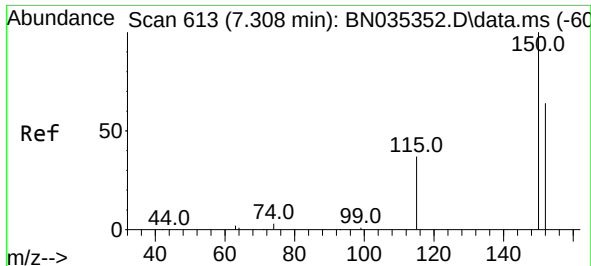
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219

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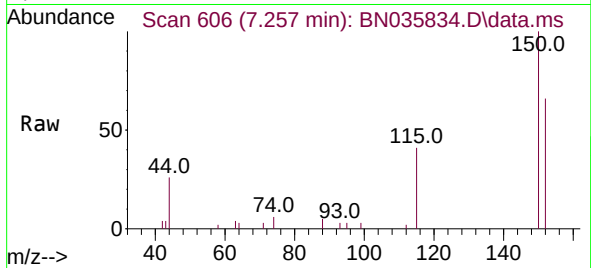
Quant Time: Dec 25 02:35:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 606
Delta R.T. -0.015 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

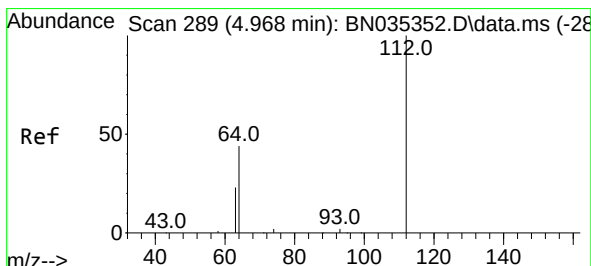
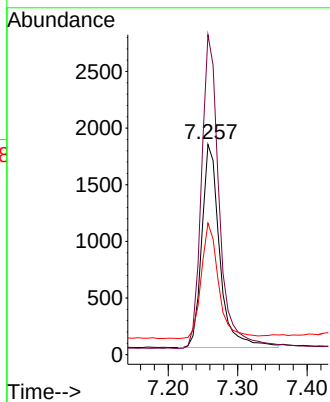
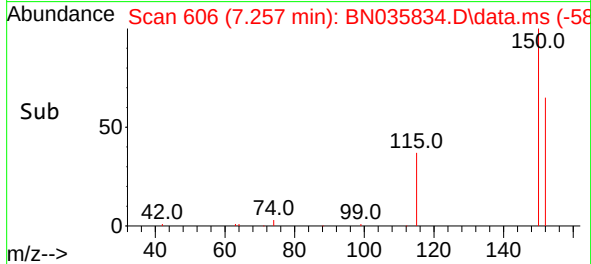
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219



Tgt Ion:152 Resp: 321
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 62.6 49.6 74.4

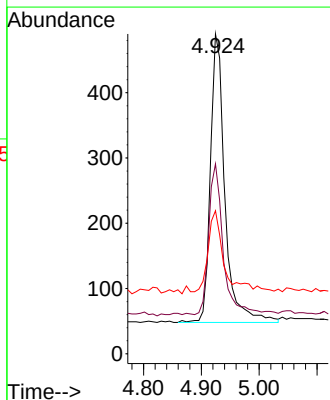
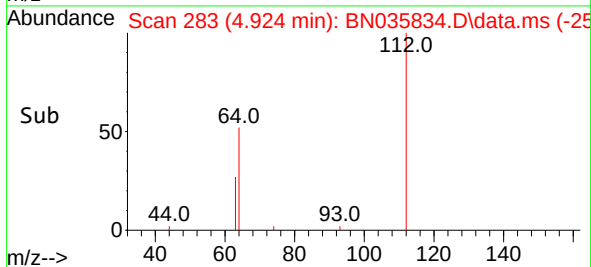
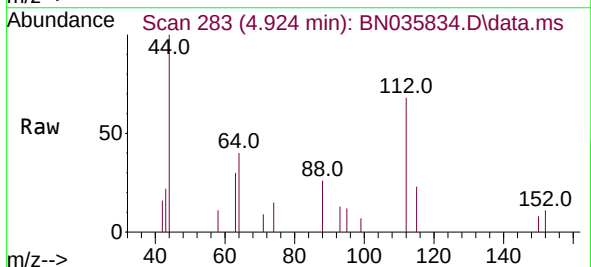
Manual Integrations
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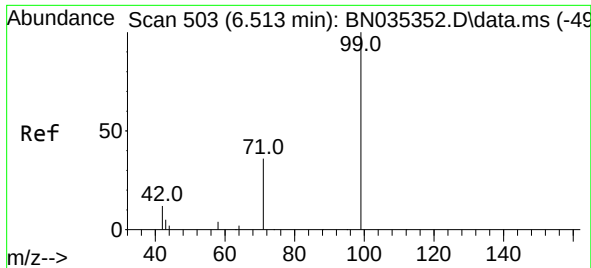
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.096 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

Tgt Ion:112 Resp: 770
Ion Ratio Lower Upper
112 100
64 53.1 39.8 59.8
63 31.9 21.0 31.6#





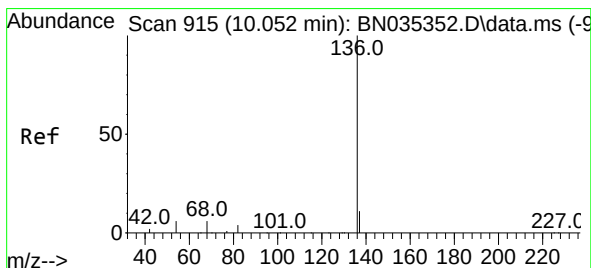
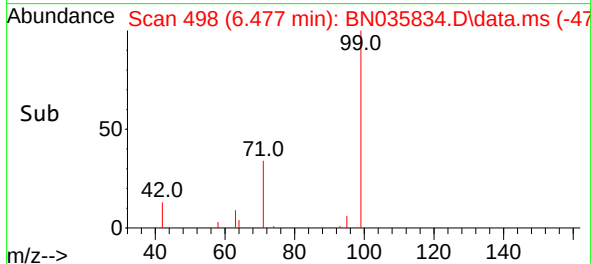
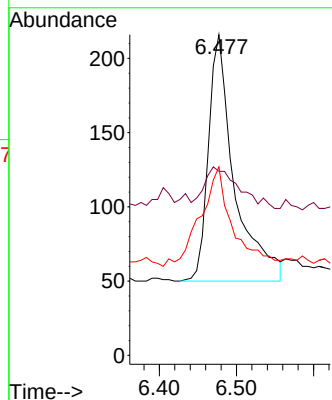
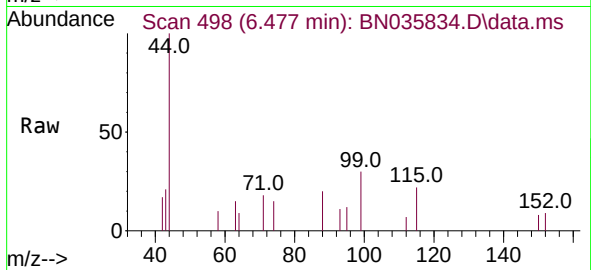
#5
Phenol-d6
Concen: 0.040 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219

Tgt Ion: 99 Resp: 388
Ion Ratio Lower Upper
99 100
42 25.5 11.4 17.2
71 49.7 29.3 43.9

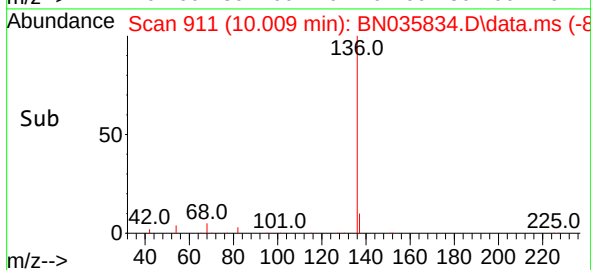
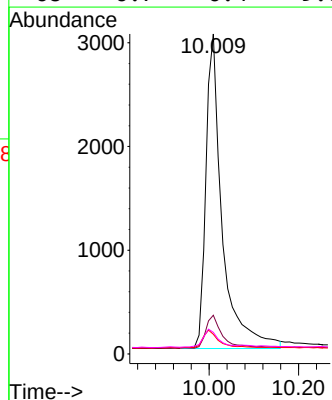
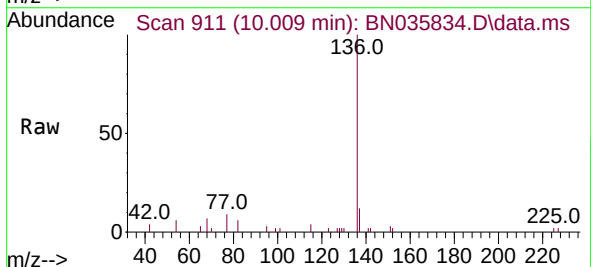
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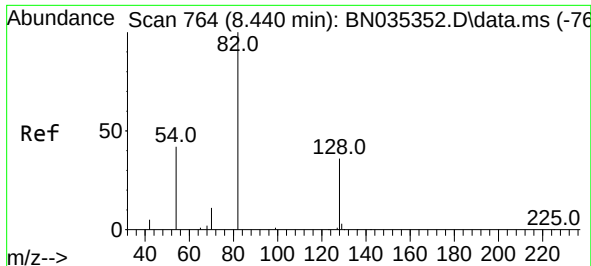
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

Tgt Ion:136 Resp: 7680
Ion Ratio Lower Upper
136 100
137 12.1 10.2 15.2
54 6.2 6.1 9.1
68 6.7 6.4 9.6





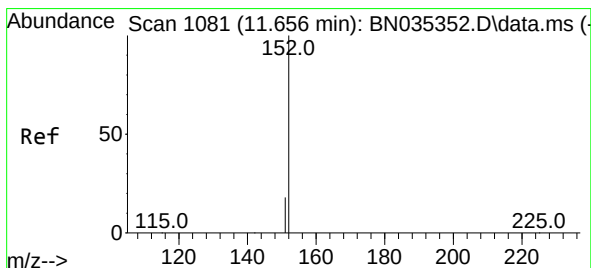
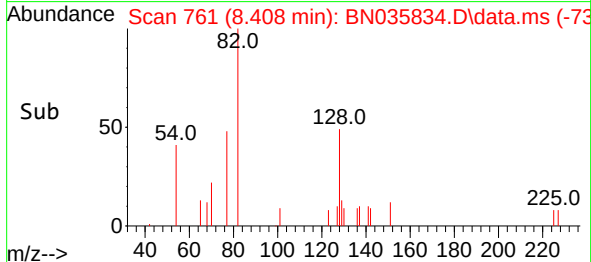
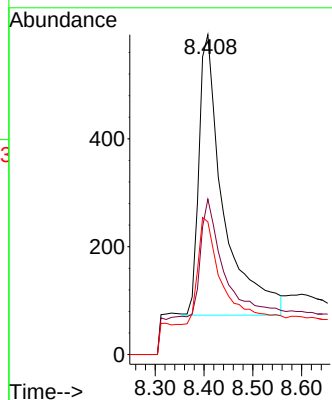
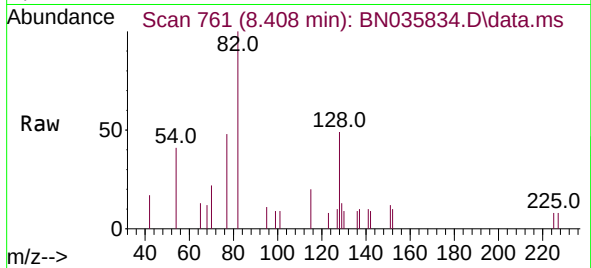
#8
Nitrobenzene-d5
Concen: 0.386 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219

Tgt Ion: 82 Resp: 1810
Ion Ratio Lower Upper
82 100
128 48.6 33.4 50.0
54 41.5 36.7 55.1

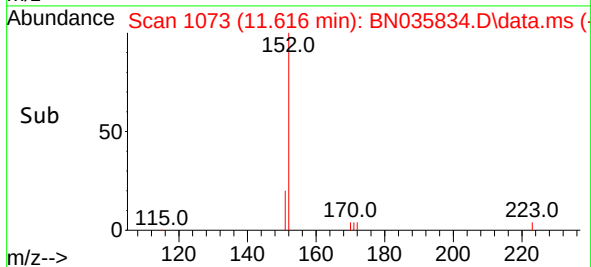
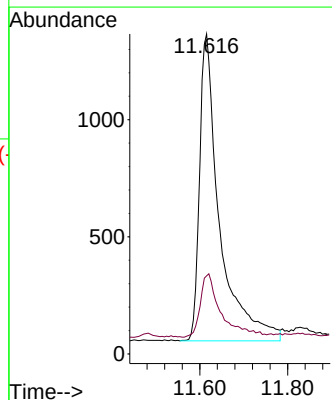
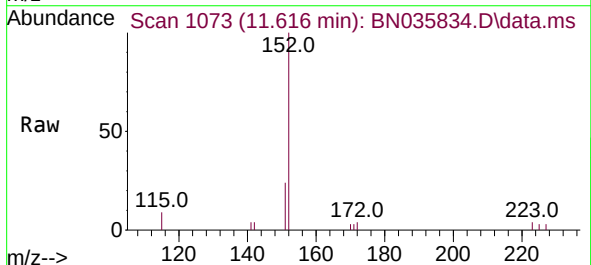
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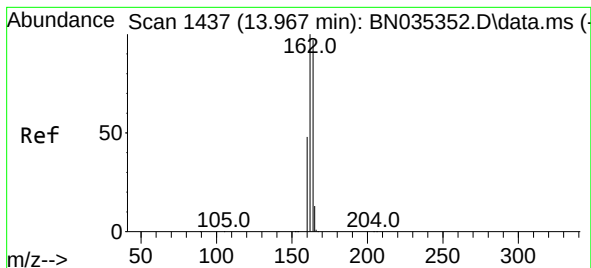
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

Tgt Ion:152 Resp: 4135
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.925 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035834.D

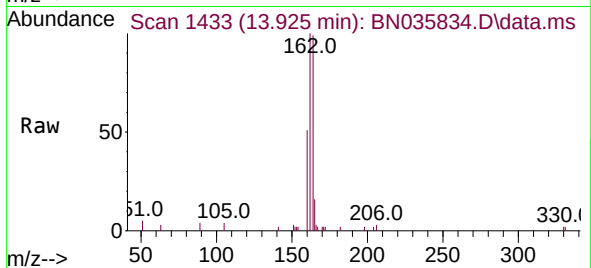
Acq: 24 Dec 2024 23:53

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20241219



Tgt Ion:164 Resp: 478

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

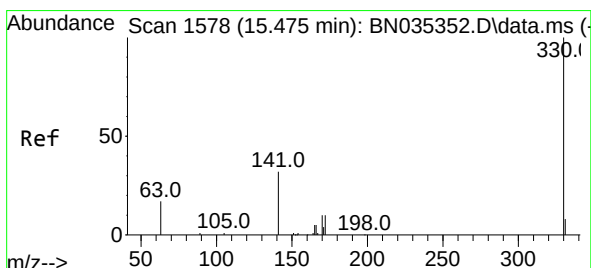
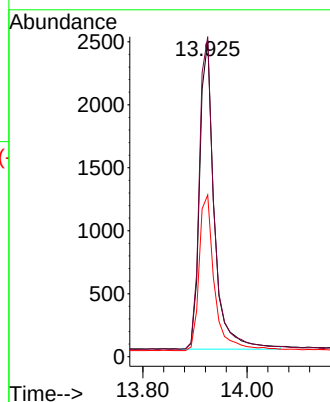
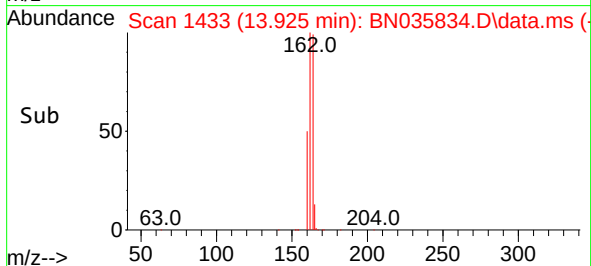
160 51.2 40.1 60.1

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#14

2,4,6-Tribromophenol

Concen: 0.156 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035834.D

Acq: 24 Dec 2024 23:53

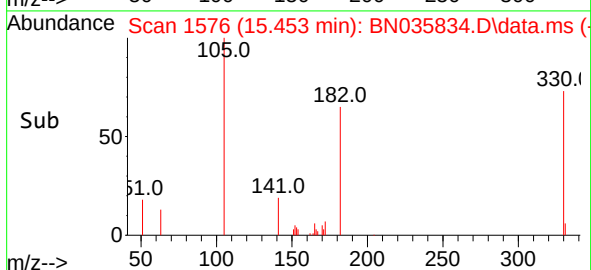
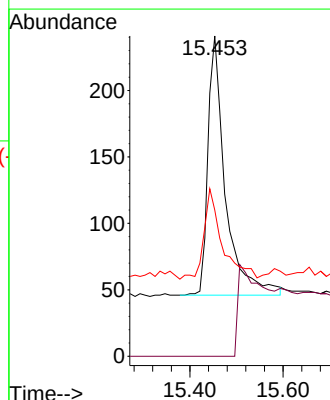
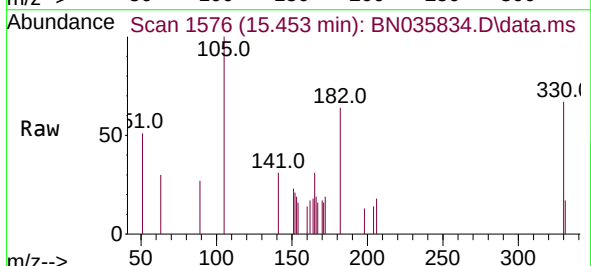
Tgt Ion:330 Resp: 529

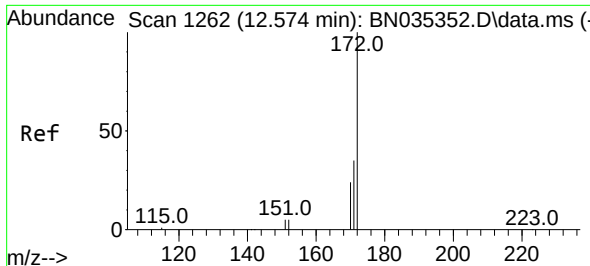
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

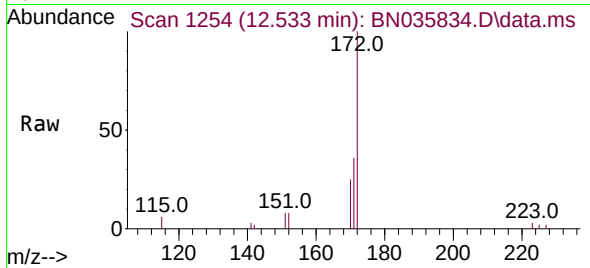
141 35.3 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

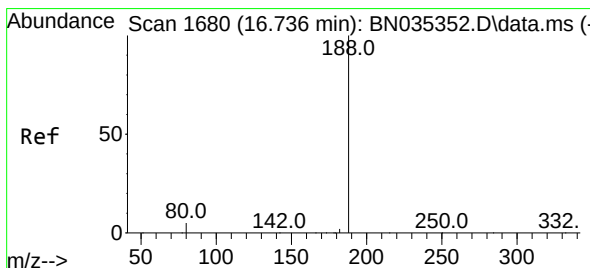
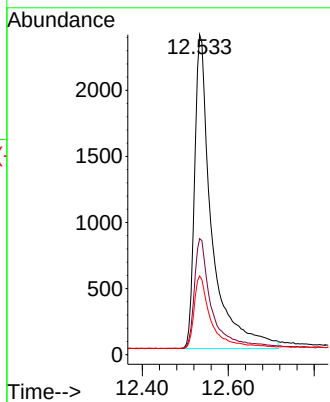
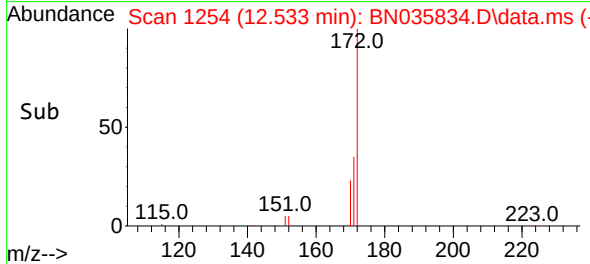
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219



Tgt Ion:172 Resp: 6614
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.6 19.8 29.8

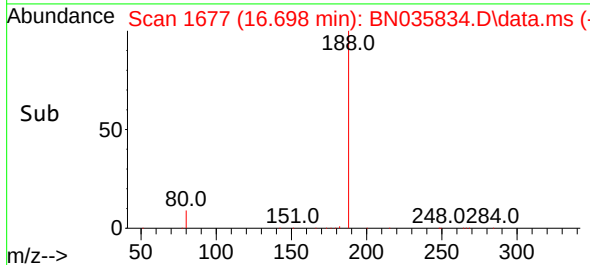
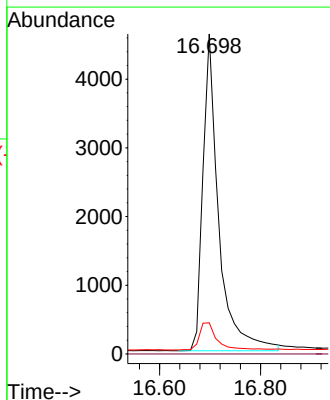
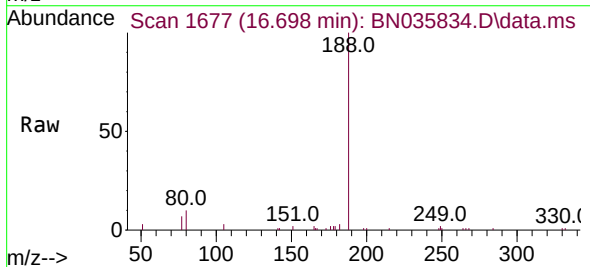
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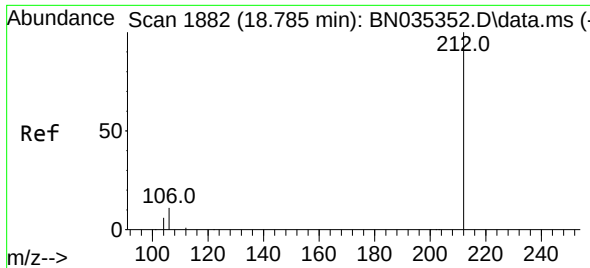
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

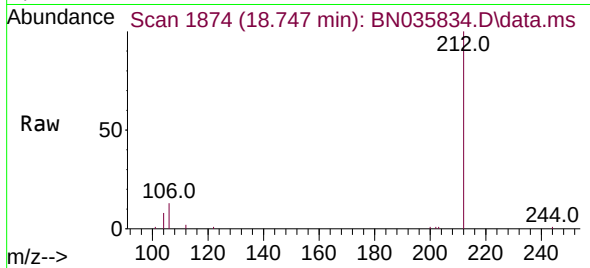
Tgt Ion:188 Resp: 10028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.747 min Scan# 11419
Delta R.T. -0.014 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

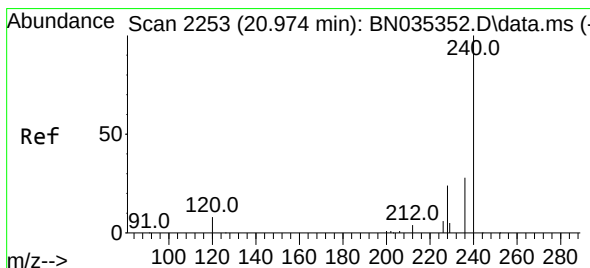
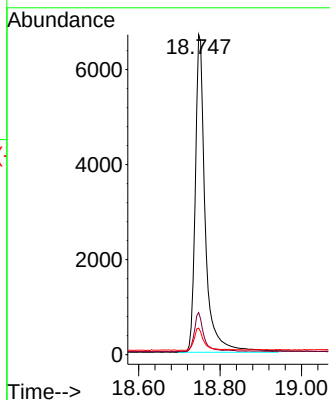
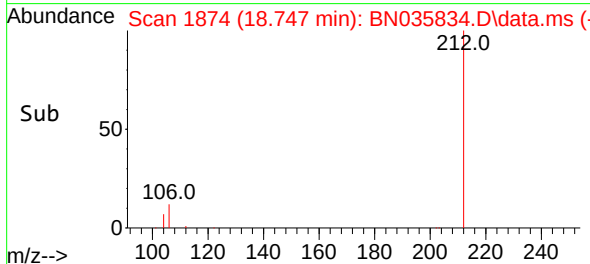
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20241219



Tgt Ion:212 Resp: 11419
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.7 5.3 7.9

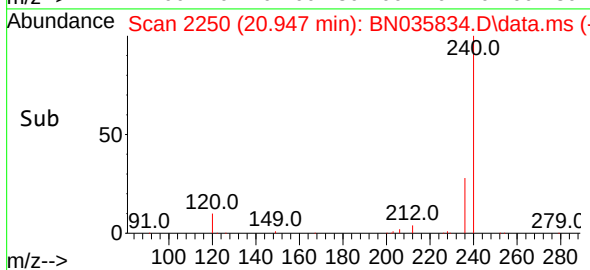
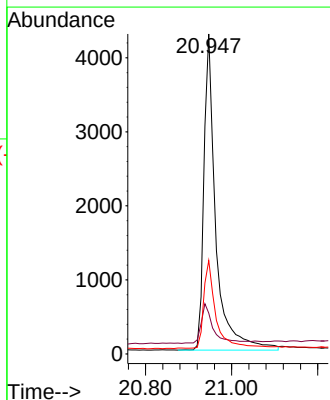
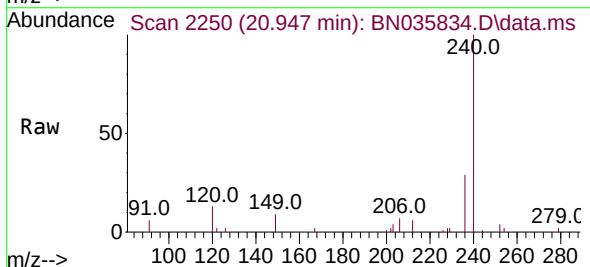
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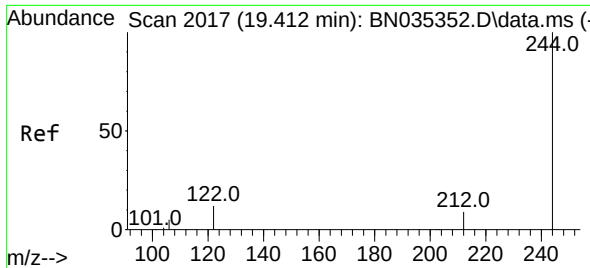
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035834.D
Acq: 24 Dec 2024 23:53

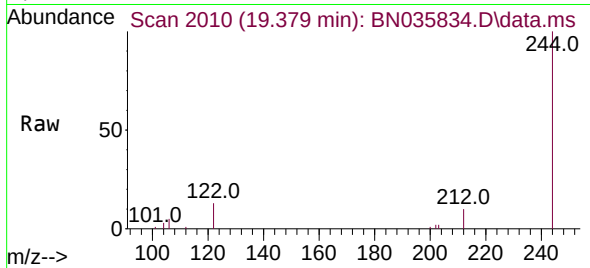
Tgt Ion:240 Resp: 8231
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 29.2 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.514 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN035834.D
 Acq: 24 Dec 2024 23:53

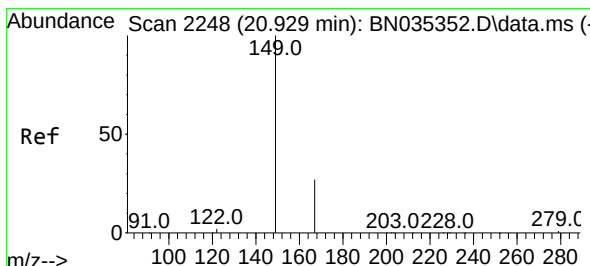
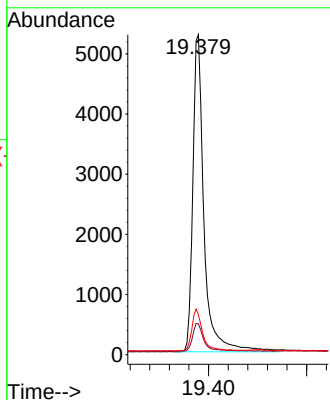
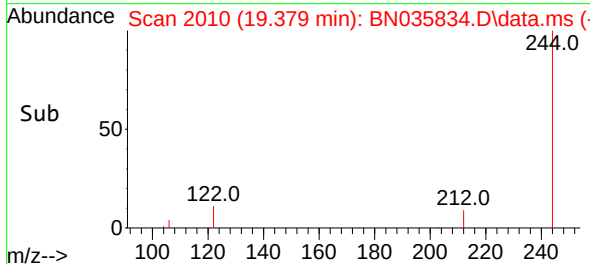
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20241219



Tgt Ion:244 Resp: 834
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.1 12.1
 122 12.6 10.3 15.5

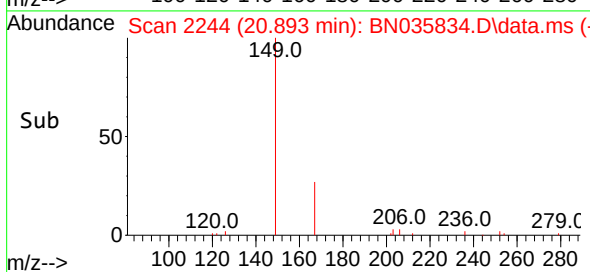
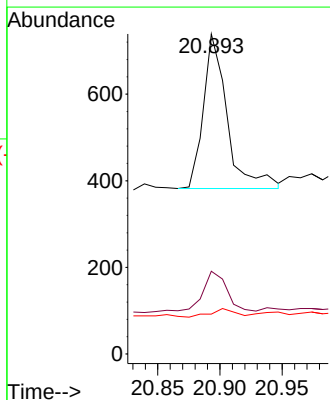
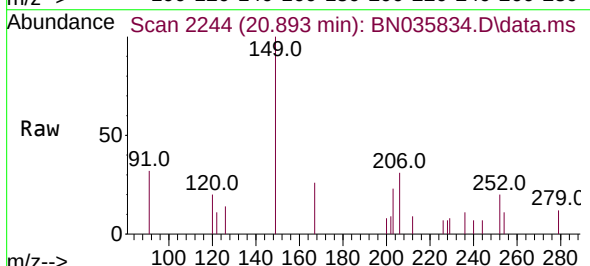
Manual Integrations
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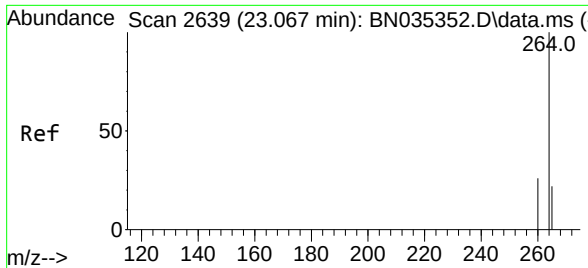
Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 20.893 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN035834.D
 Acq: 24 Dec 2024 23:53

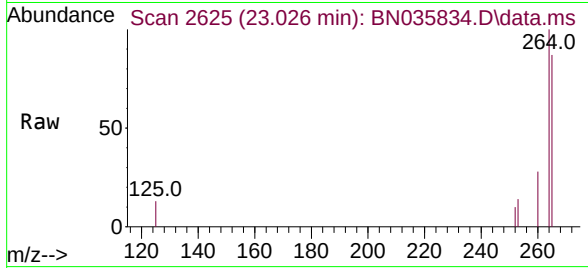
Tgt Ion:149 Resp: 474
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.2 33.4
 279 5.7 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.026 min Scan# 20
 Delta R.T. -0.015 min
 Lab File: BN035834.D
 Acq: 24 Dec 2024 23:53

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20241219



Tgt Ion:264 Resp: 781
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.4 32.2
 265 87.5 40.2 60.4

Manual Integrations
 APPROVED

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

