

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034255.D
 Acq On : 26 Sep 2024 21:35
 Operator : RC/JU
 Sample : P4164-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20240919

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 01:02:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4703	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	11855	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	6067	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	10843	0.400	ng	0.00
29) Chrysene-d12	21.017	240	8011	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	8263	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1370	0.103	ng	0.00
5) Phenol-d6	6.607	99	494	0.032	ng	0.00
8) Nitrobenzene-d5	8.557	82	2067	0.228	ng	0.02
11) 2-Methylnaphthalene-d10	11.761	152	4869	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	227	0.083	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	7033	0.285	ng	0.00
27) Fluoranthene-d10	18.848	212	10112	0.370	ng	0.00
31) Terphenyl-d14	19.466	244	6178	0.386	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	8765	1.491	ng	# 77
25) Phenanthrene	16.846	178	863m	0.028	ng	
28) Fluoranthene	18.876	202	833	0.023	ng	98
30) Pyrene	19.243	202	851	0.025	ng	97
33) Chrysene	21.053	228	667	0.022	ng	# 78

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

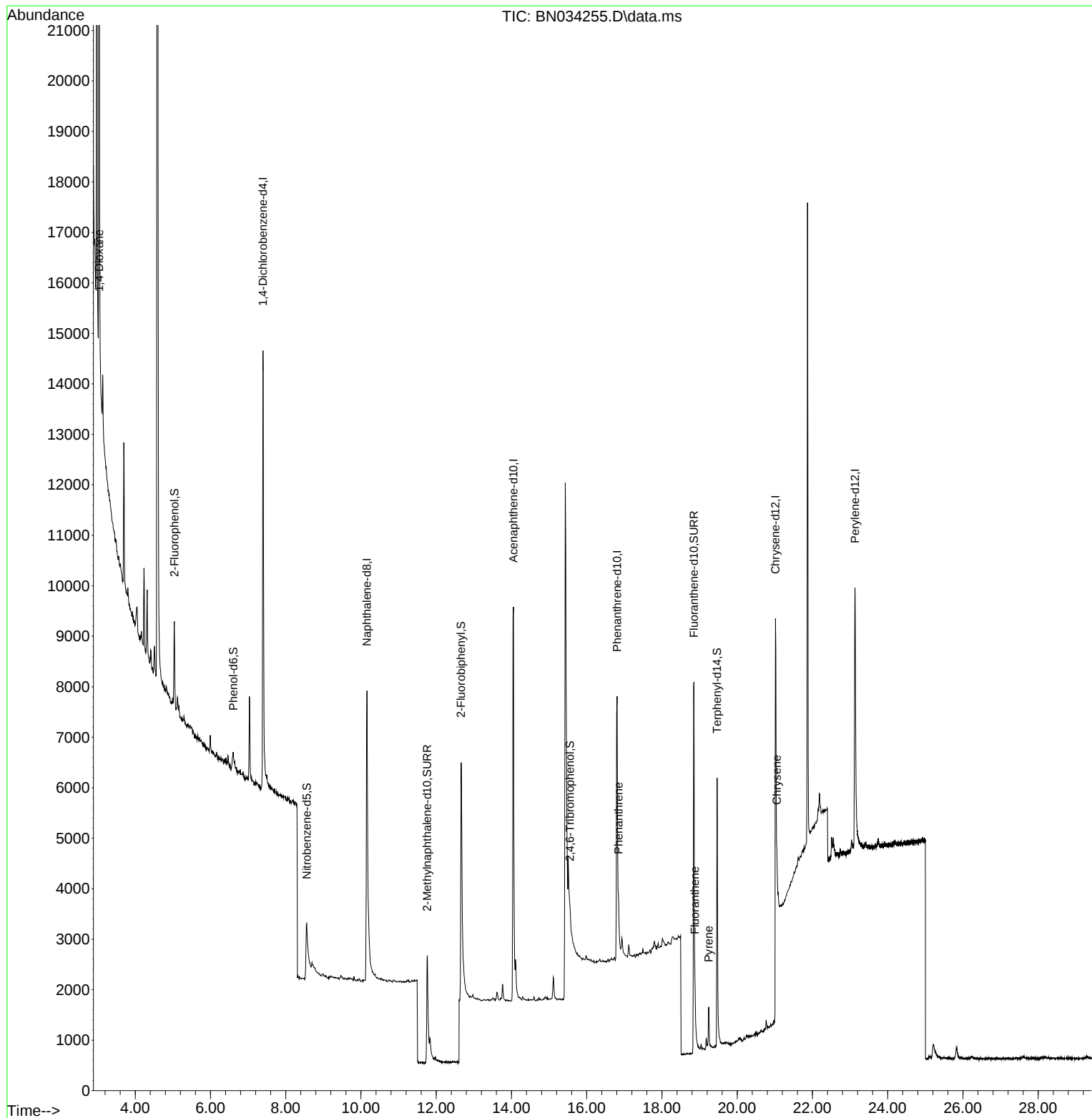
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034255.D
Acq On : 26 Sep 2024 21:35
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ALS Vial : 10 Sample Multiplier: 1

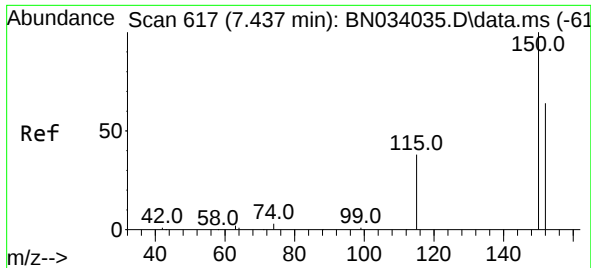
Instrument :
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Quant Time: Sep 27 01:02:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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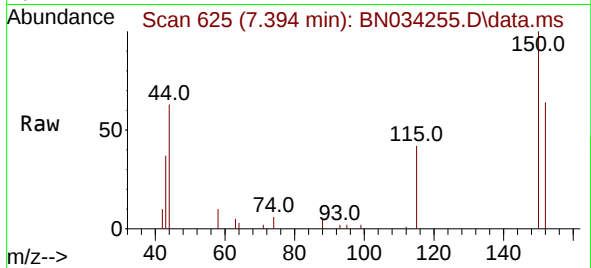
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

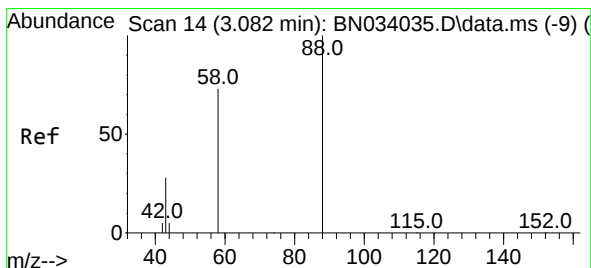
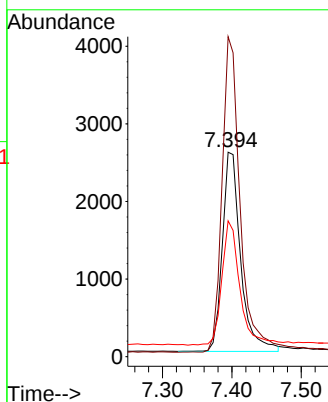
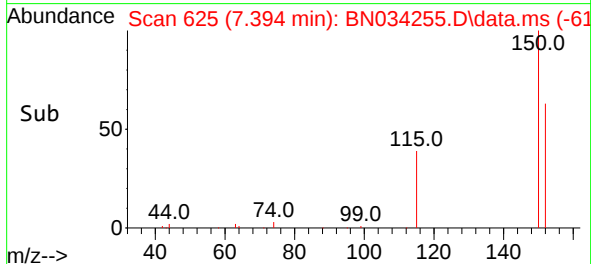
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion:152 Resp: 470
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 66.4 50.0 75.0

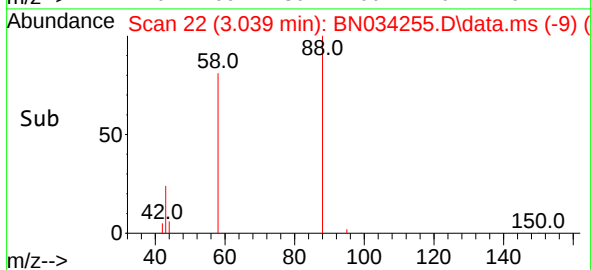
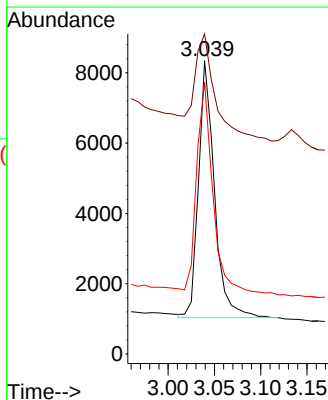
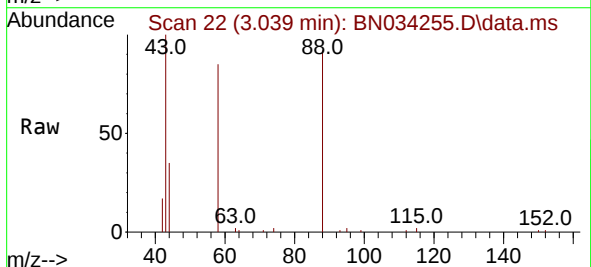
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#2
1,4-Dioxane
Concen: 1.491 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Tgt Ion: 88 Resp: 8765
Ion Ratio Lower Upper
88 100
43 54.7 25.8 38.8#
58 86.4 58.8 88.2





#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Instrument :

BNA_N

ClientSampleId :

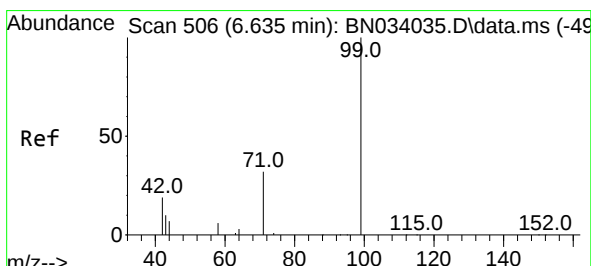
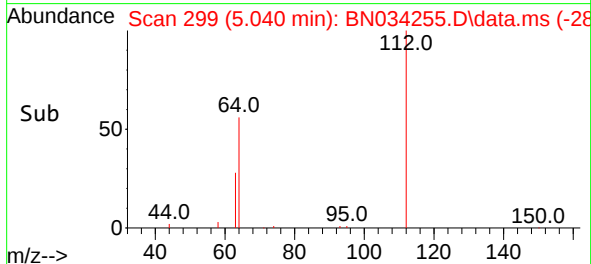
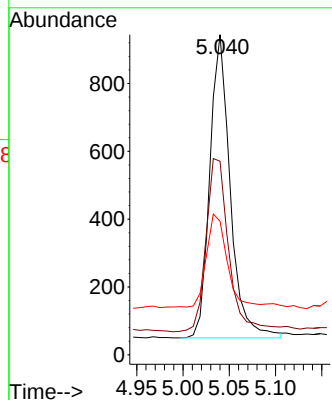
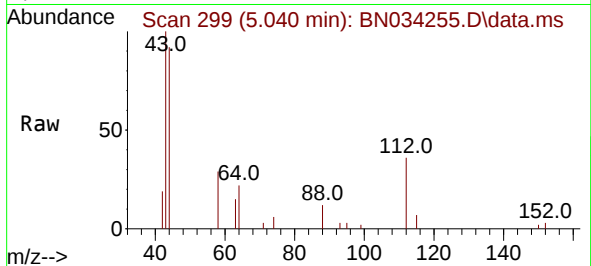
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Tgt Ion:112 Resp: 1370
Ion Ratio Lower Upper
112 100
64 63.6 48.6 72.8
63 30.5 25.6 38.4

Manual Integrations

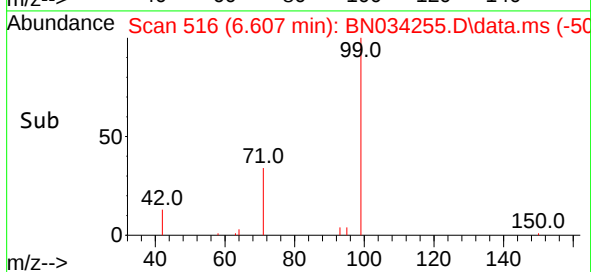
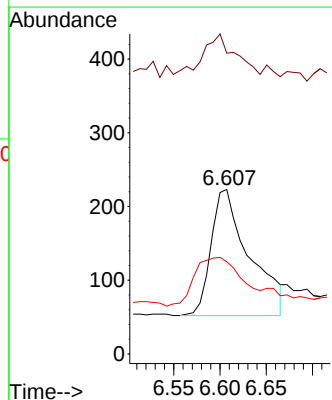
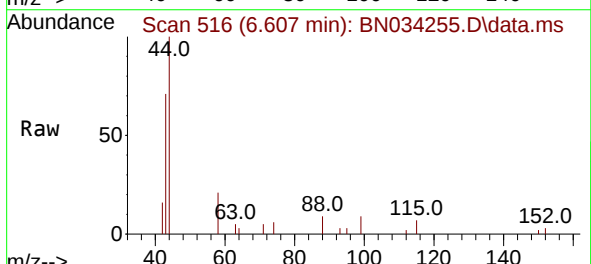
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Supervised By :mohammad ahmed 09/28/2024



#5
Phenol-d6
Concen: 0.032 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

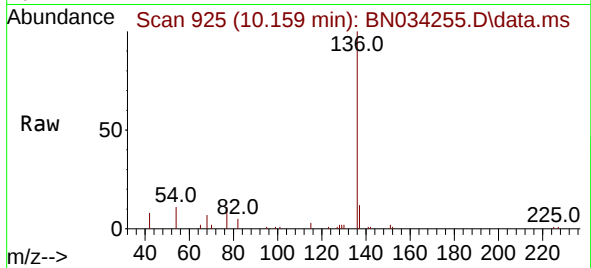
Tgt Ion: 99 Resp: 494
Ion Ratio Lower Upper
99 100
42 24.9 17.8 26.8
71 52.6 26.2 39.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

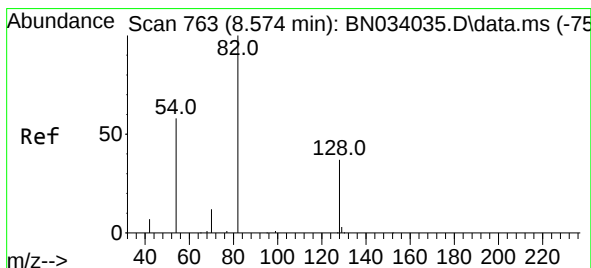
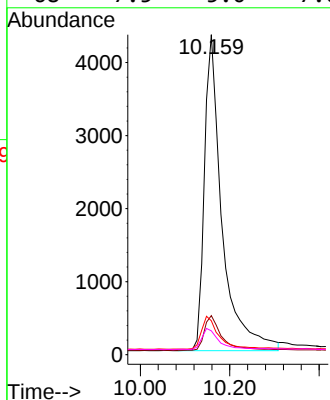
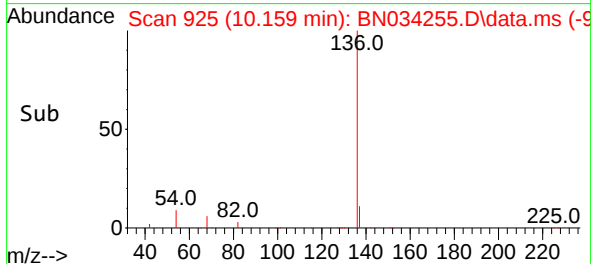
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion: 136 Resp: 1185
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 10.6 6.8 10.2
68 7.5 5.0 7.6

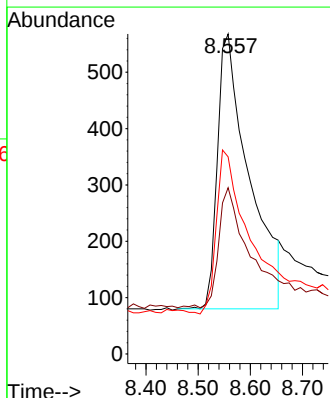
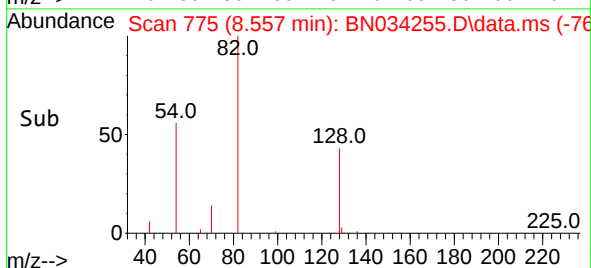
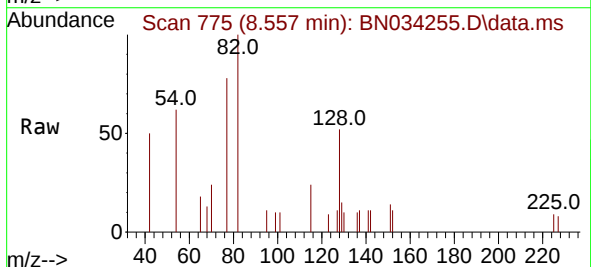
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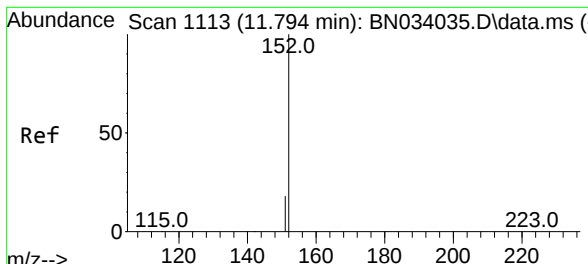
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.022 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

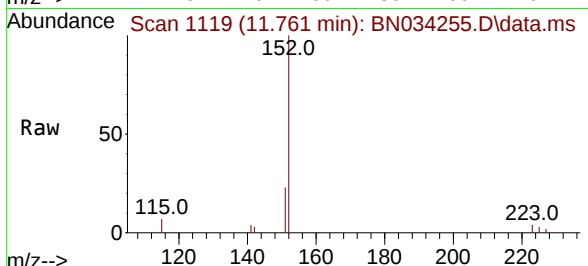
Tgt Ion: 82 Resp: 2067
Ion Ratio Lower Upper
82 100
128 51.9 31.4 47.2
54 61.6 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.761 min Scan# 1119
Delta R.T. 0.008 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

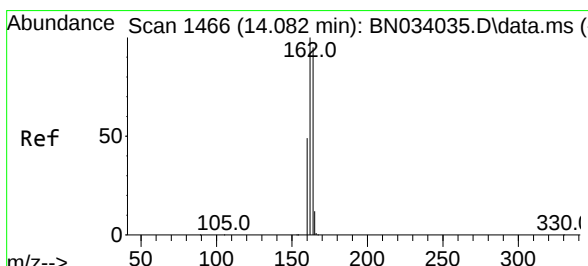
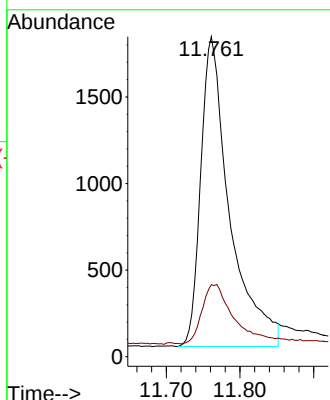
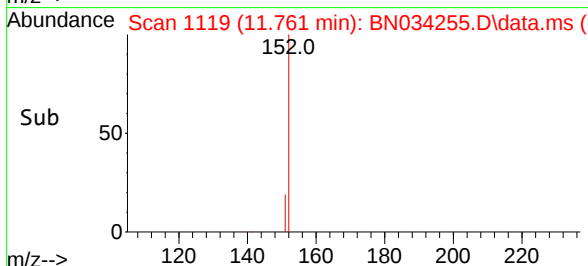
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



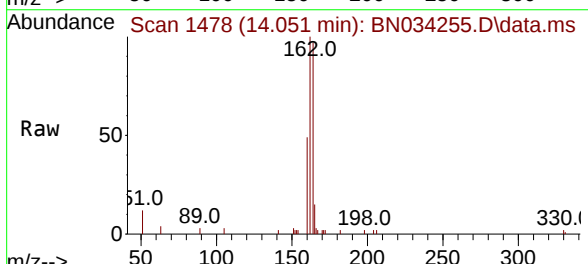
Tgt Ion:152 Resp: 4869
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

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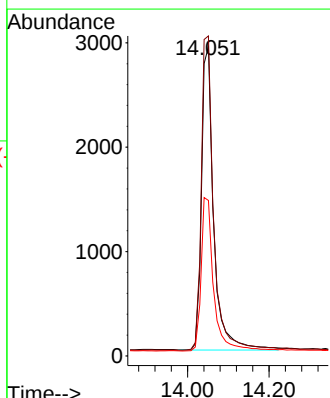
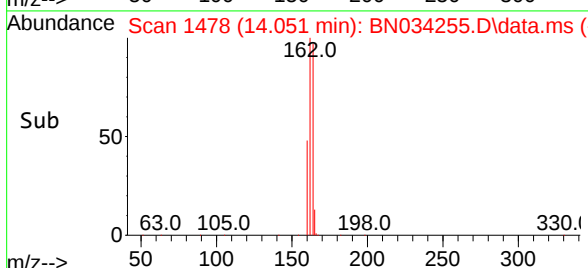
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

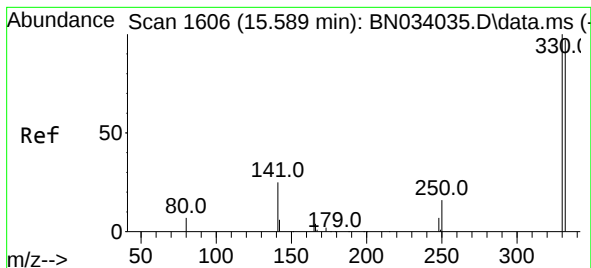


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35



Tgt Ion:164 Resp: 6067
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 50.3 41.7 62.5





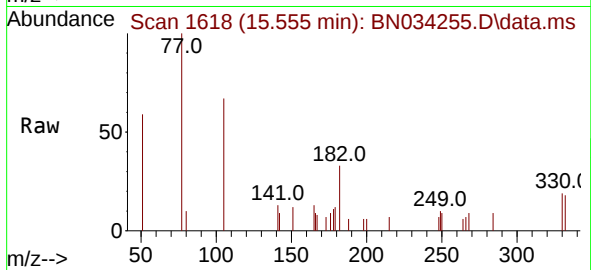
#14
2,4,6-Tribromophenol
Concen: 0.083 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919



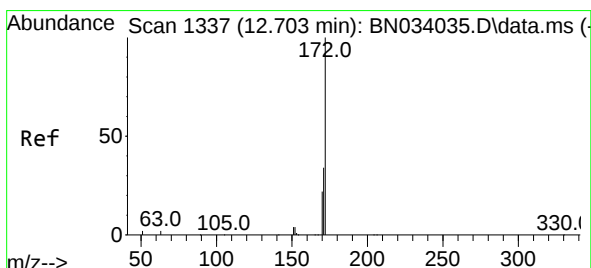
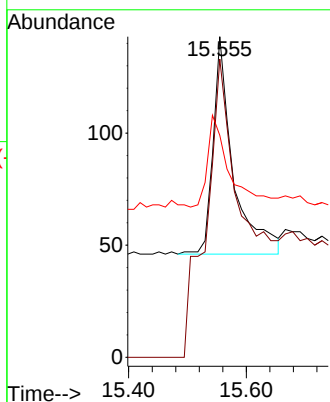
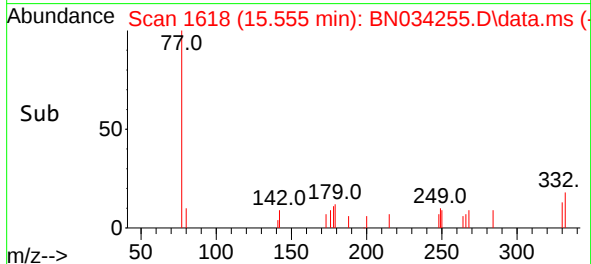
Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 262.6 77.4 116.0
141 46.7 35.9 53.9

Manual Integrations

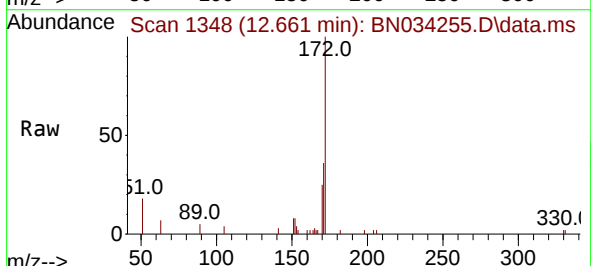
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

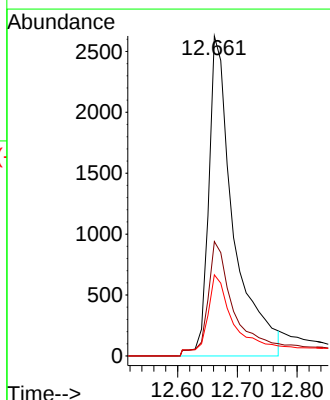
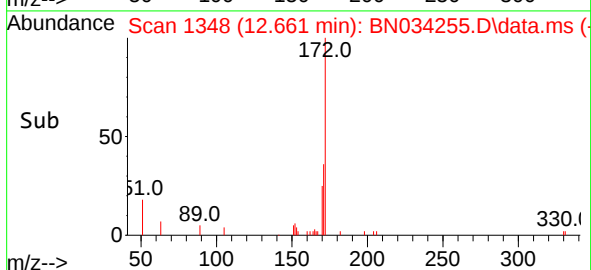
Supervised By :mohammad ahmed 09/28/2024

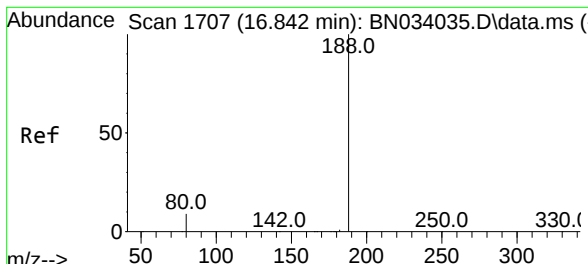


#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35



Tgt Ion:172 Resp: 7033
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 25.4 18.1 27.1





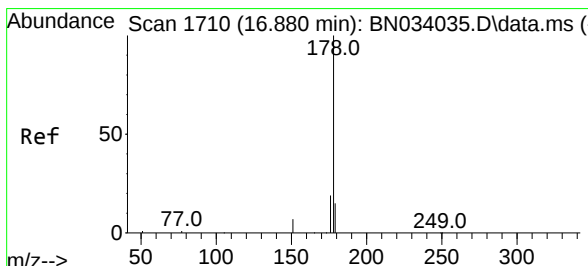
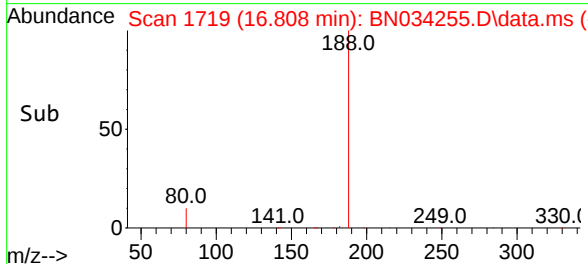
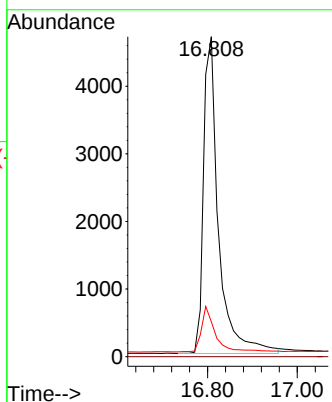
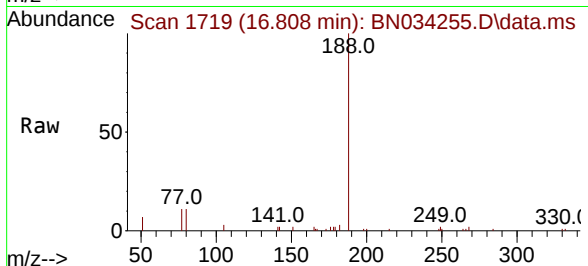
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Instrument : BNA_N
ClientSampleId : DUP06-20240919

Tgt Ion:	188	Resp:	1084
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.0

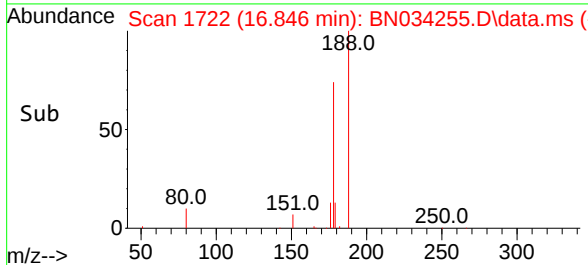
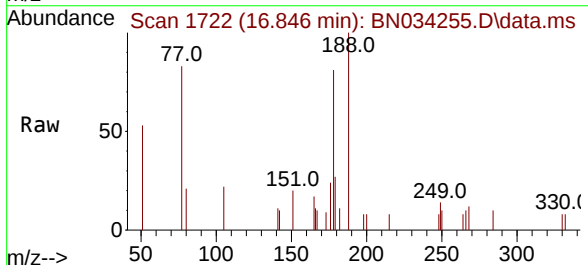
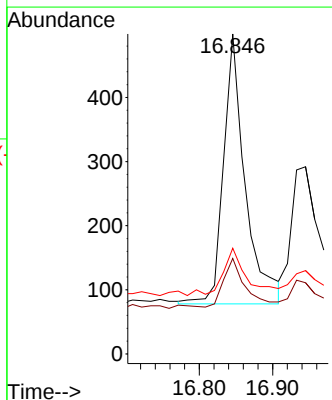
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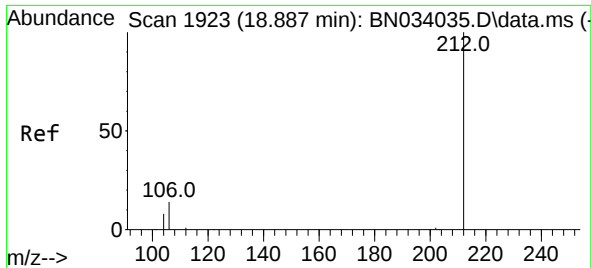
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#25
Phenanthrene
Concen: 0.028 ng m
RT: 16.846 min Scan# 1722
Delta R.T. 0.006 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

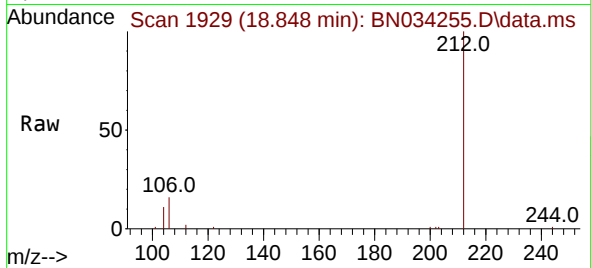
Tgt Ion:	178	Resp:	863
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.3	22.9
179	17.4	12.1	18.1





#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

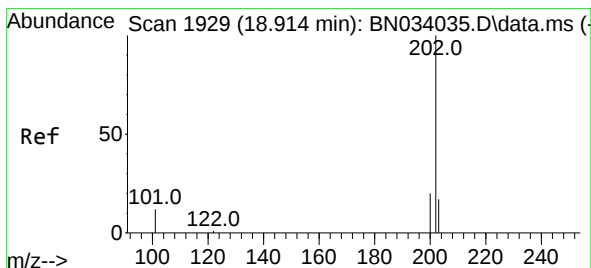
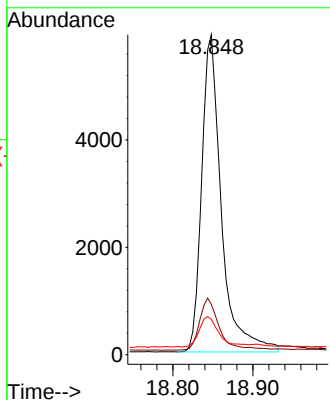
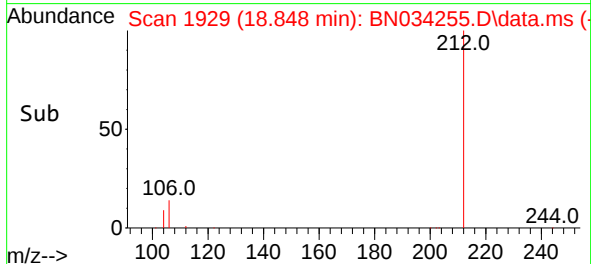
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



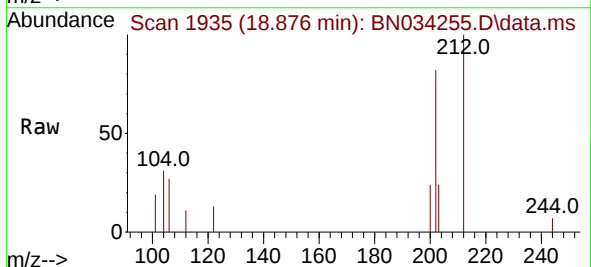
Tgt Ion:212 Resp: 1011
Ion Ratio Lower Upper
212 100
106 16.3 13.4 20.2
104 9.4 7.8 11.6

Manual Integrations
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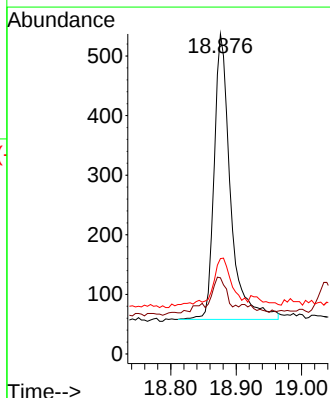
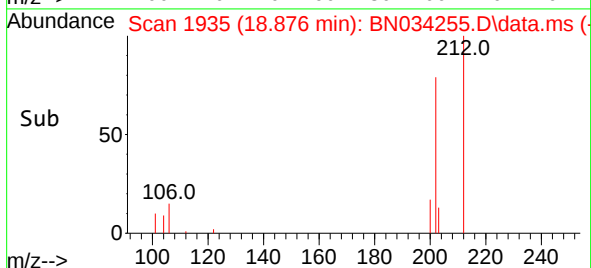
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

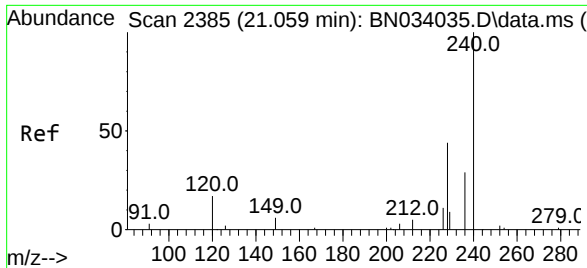


#28
Fluoranthene
Concen: 0.023 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35



Tgt Ion:202 Resp: 833
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
203 17.6 13.6 20.4





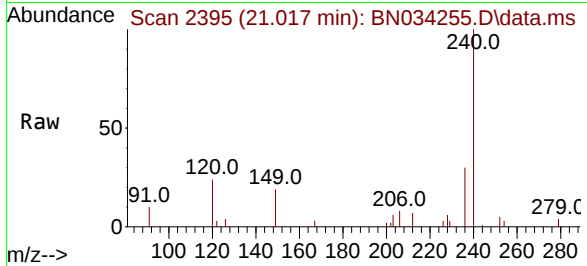
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 21014
Delta R.T. 0.003 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919



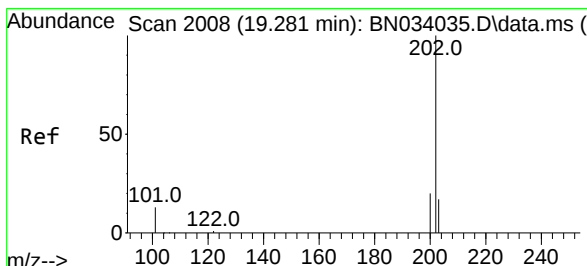
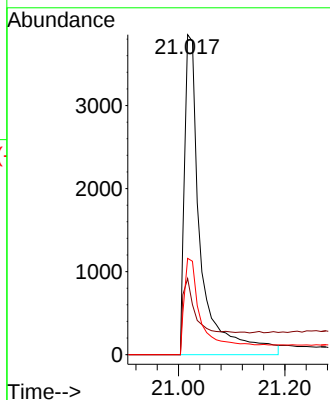
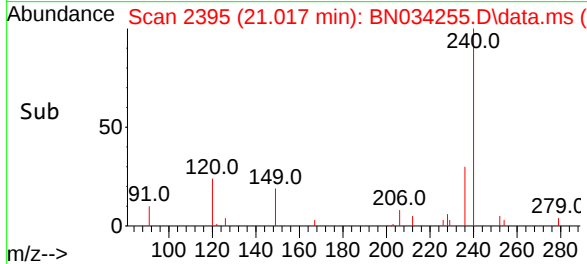
Tgt Ion:240 Resp: 801
Ion Ratio Lower Upper
240 100
120 23.8 13.5 20.3
236 30.1 23.4 35.0

Manual Integrations

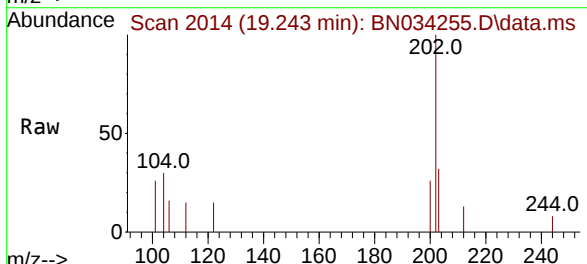
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

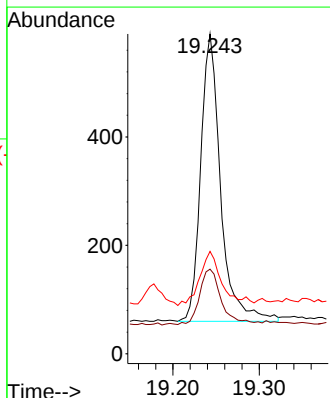
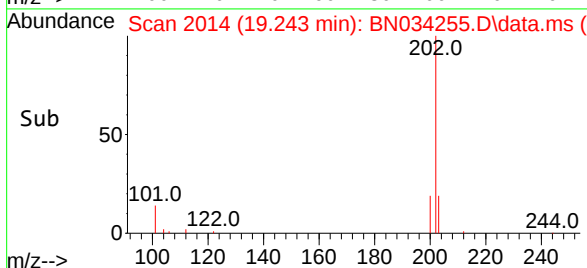
Supervised By :mohammad ahmed 09/28/2024

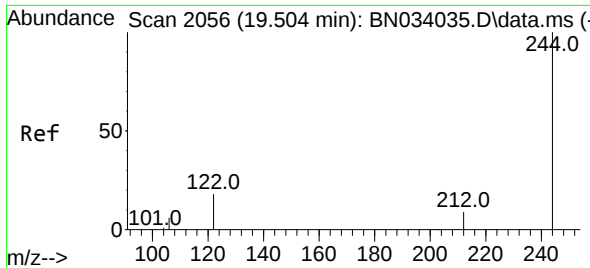


#30
Pyrene
Concen: 0.025 ng
RT: 19.243 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35



Tgt Ion:202 Resp: 851
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 21.0 14.3 21.5





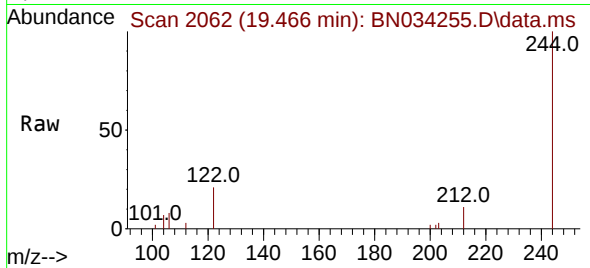
#31
 Terphenyl-d14
 Concen: 0.386 ng
 RT: 19.466 min Scan# 2062
 Delta R.T. -0.002 min
 Lab File: BN034255.D
 Acq: 26 Sep 2024 21:35

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919



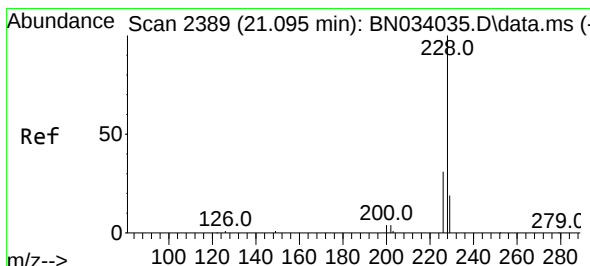
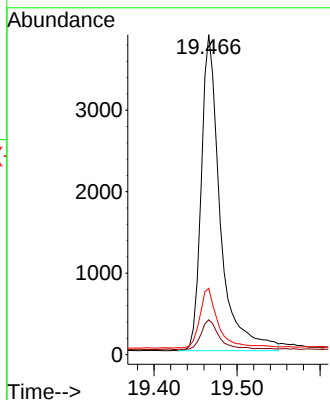
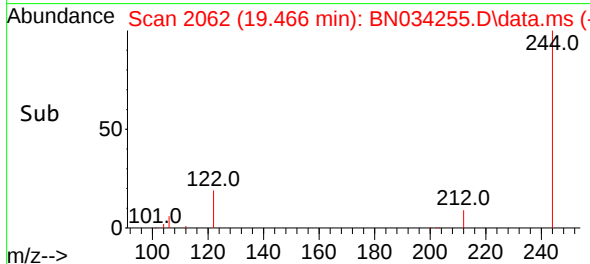
Tgt Ion:244 Resp: 6178
 Ion Ratio Lower Upper
 244 100
 212 10.9 7.8 11.6
 122 20.8 14.8 22.2

Manual Integrations

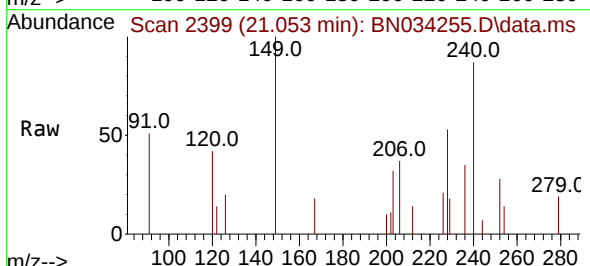
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

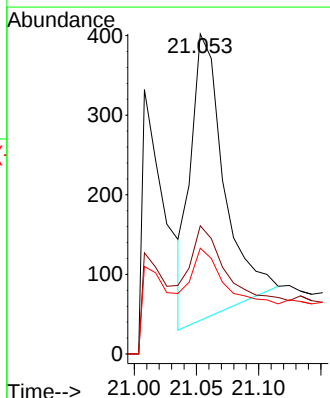
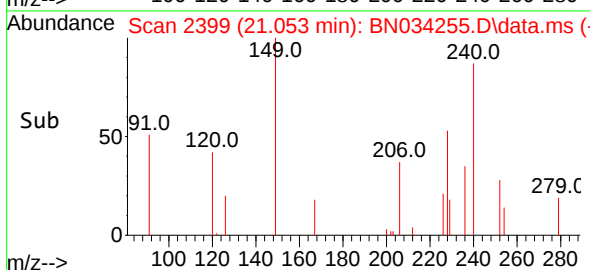
Supervised By :mohammad ahmed 09/28/2024

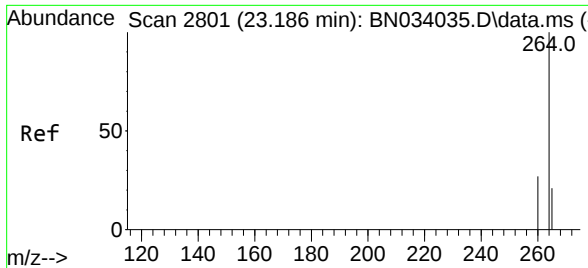


#33
 Chrysene
 Concen: 0.022 ng
 RT: 21.053 min Scan# 2399
 Delta R.T. 0.003 min
 Lab File: BN034255.D
 Acq: 26 Sep 2024 21:35



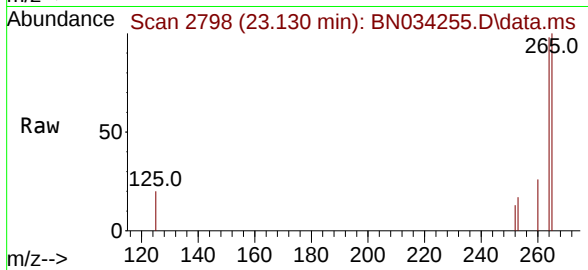
Tgt Ion:228 Resp: 667
 Ion Ratio Lower Upper
 228 100
 226 40.0 24.6 37.0#
 229 33.1 15.5 23.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034255.D
Acq: 26 Sep 2024 21:35

Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion:264 Resp: 826
Ion Ratio Lower Upper
264 100
260 27.0 21.7 32.5
265 102.3 52.1 78.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

