

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033041.D
 Acq On : 27 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3375-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-258-278-072524

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:07:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1523m	0.400	ng	0.06
7) Naphthalene-d8	10.436	136	5664m	0.400	ng	0.13
13) Acenaphthene-d10	14.201	164	4151m	0.400	ng	0.02
19) Phenanthrene-d10	16.970	188	8884	0.400	ng	# 0.02
29) Chrysene-d12	21.169	240	8591	0.400	ng	0.00
35) Perylene-d12	23.361	264	9427	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.249	112	723m	0.188	ng	0.07
5) Phenol-d6	7.207	99	444m	0.093	ng	0.43
8) Nitrobenzene-d5	9.080	82	1096m	0.257	ng	0.35
11) 2-Methylnaphthalene-d10	12.030	152	2568m	0.296	ng	0.11
14) 2,4,6-Tribromophenol	15.766	330	430	0.242	ng	0.04
15) 2-Fluorobiphenyl	12.864	172	3928m	0.254	ng	0.05
27) Fluoranthene-d10	18.992	212	9349	0.407	ng	0.00
31) Terphenyl-d14	19.582	244	8102	0.460	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	546	0.289	ng	# 67
33) Chrysene	21.214	228	1331m	0.041	ng	

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

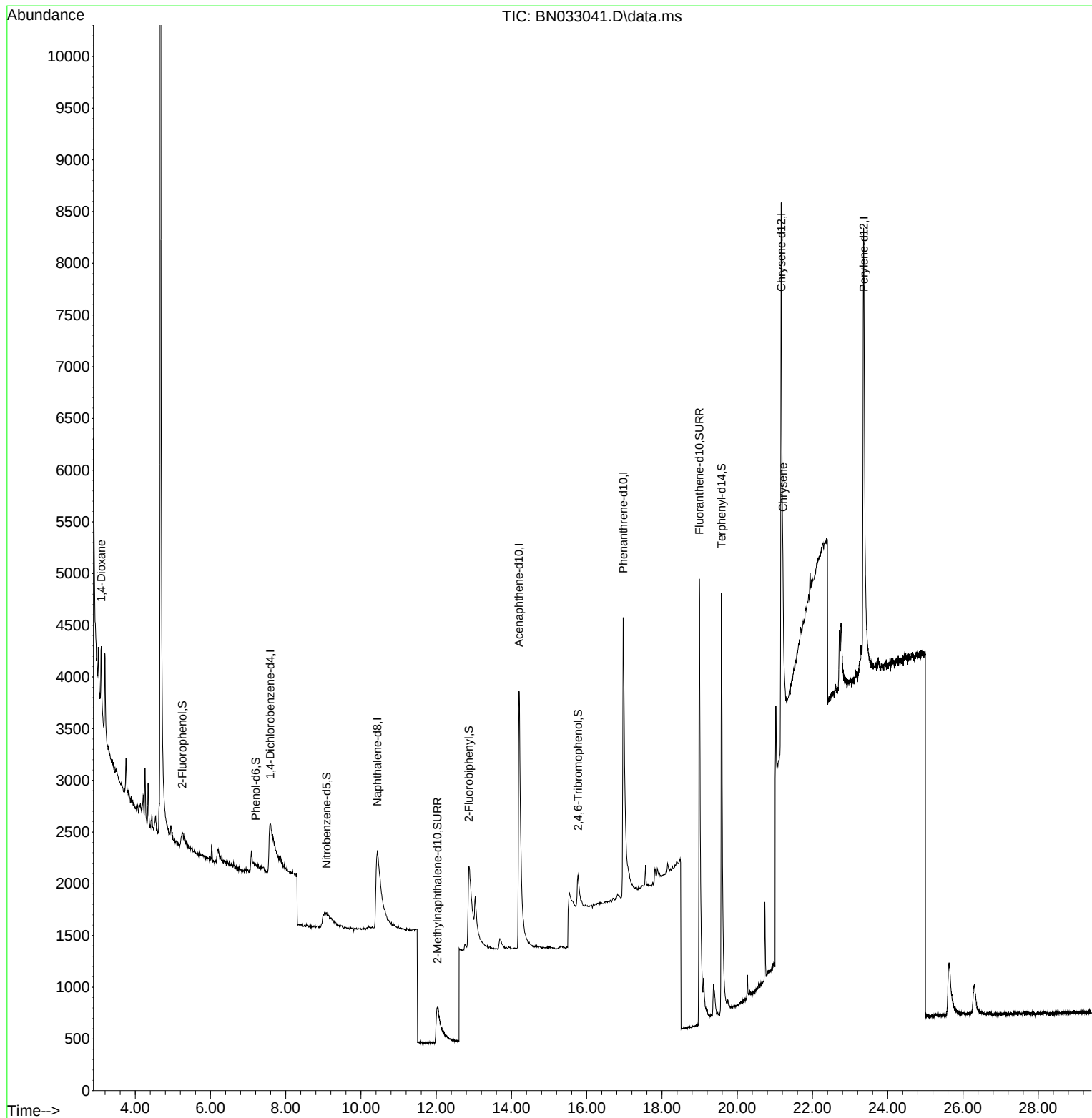
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033041.D
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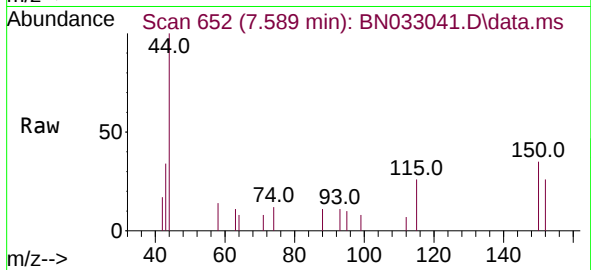
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng m
RT: 7.589 min Scan# 61
Delta R.T. 0.058 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

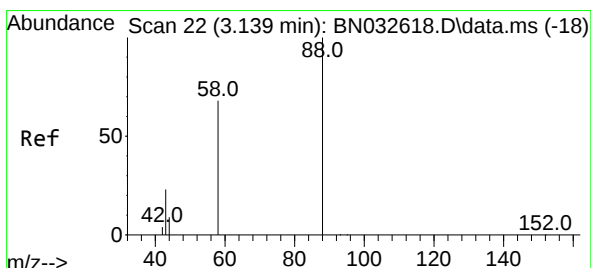
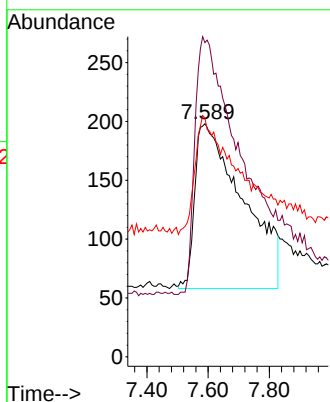
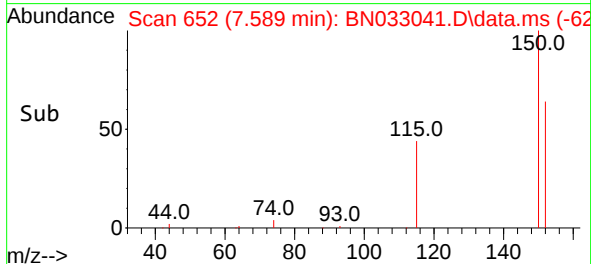
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524



Tgt Ion: 152 Resp: 152
Ion Ratio Lower Upper
152 100
150 134.8 123.8 185.6
115 102.5 52.8 79.2

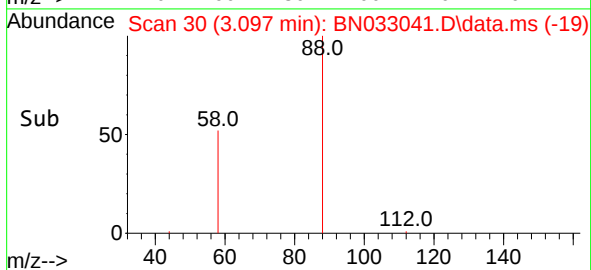
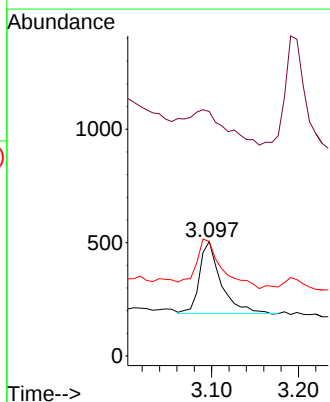
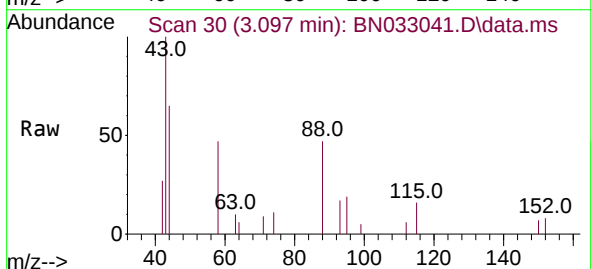
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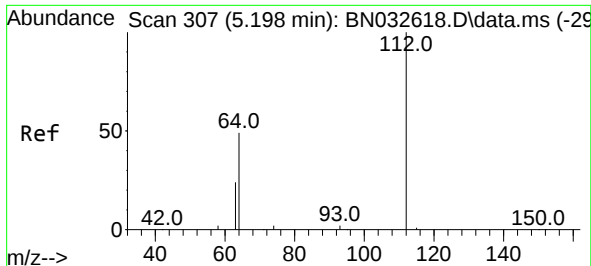
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 0.289 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.021 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

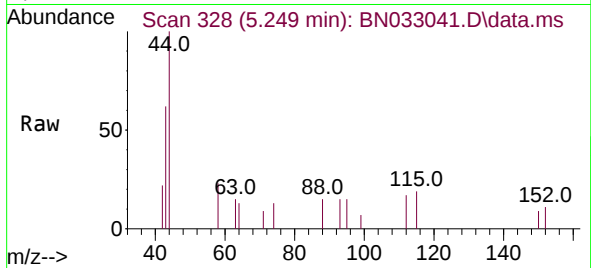
Tgt Ion: 88 Resp: 546
Ion Ratio Lower Upper
88 100
43 0.0 18.4 27.6#
58 82.8 49.2 73.8#





#4
2-Fluorophenol
Concen: 0.188 ng m
RT: 5.249 min Scan# 307
Delta R.T. 0.073 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

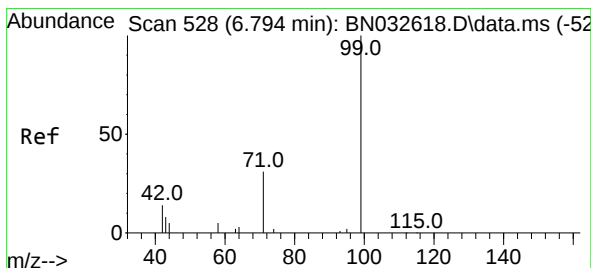
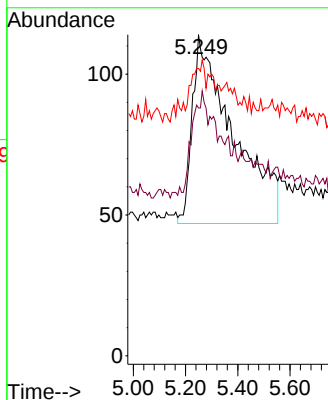
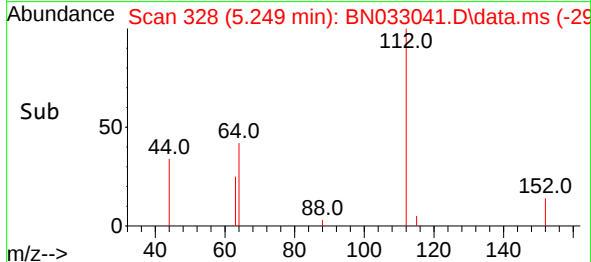
Instrument :
BNA_N
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GWBR-05-258-278-072524



Tgt Ion: 112 Resp: 723
Ion Ratio Lower Upper
112 100
64 18.7 40.2 60.4#
63 7.9 22.2 33.4#

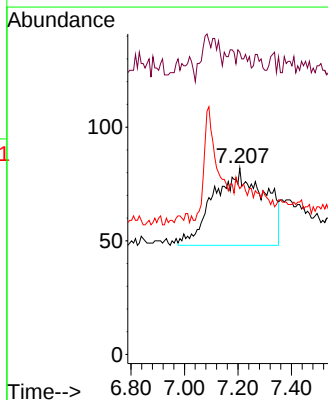
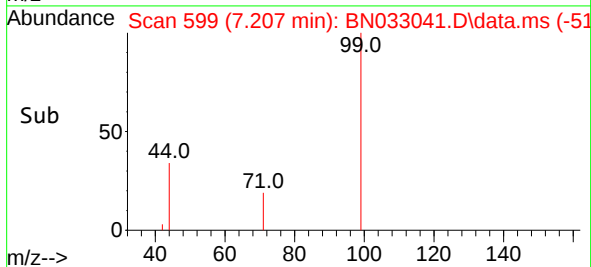
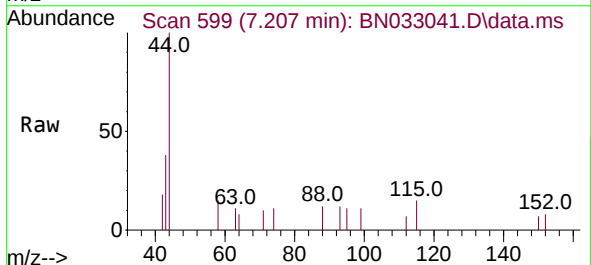
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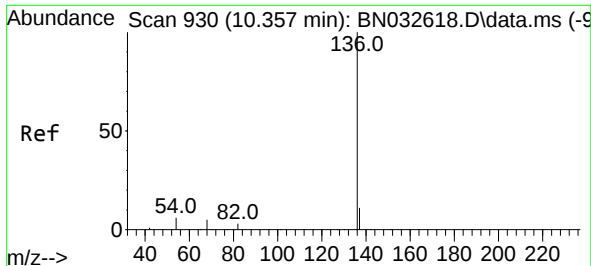
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.093 ng m
RT: 7.207 min Scan# 599
Delta R.T. 0.427 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

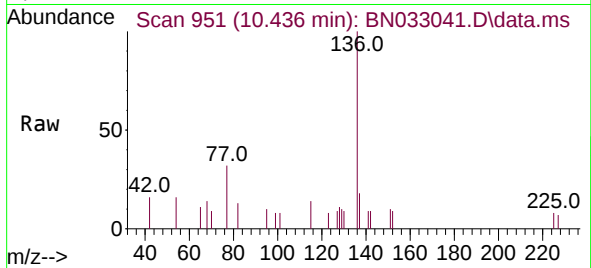
Tgt Ion: 99 Resp: 444
Ion Ratio Lower Upper
99 100
42 2.5 10.5 15.7#
71 0.0 22.3 33.5#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.436 min Scan# 91
Delta R.T. 0.133 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

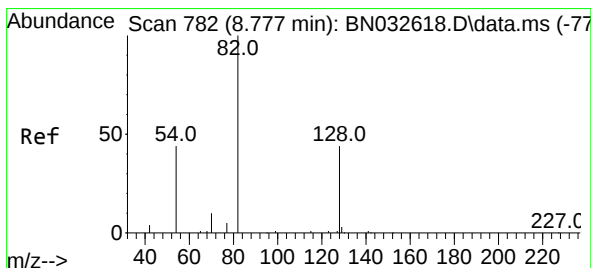
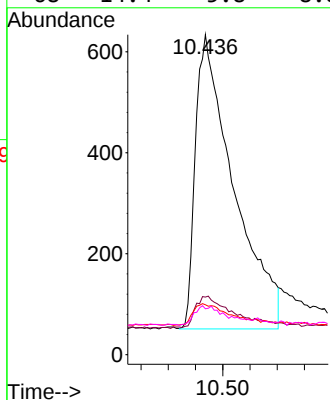
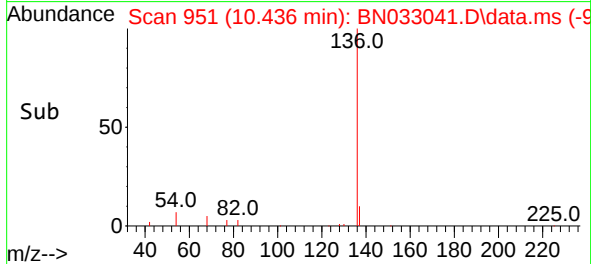
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524



Tgt Ion: 136 Resp: 566
Ion Ratio Lower Upper
136 100
137 18.0 9.9 14.9#
54 15.6 6.5 9.7#
68 14.4 5.8 8.8#

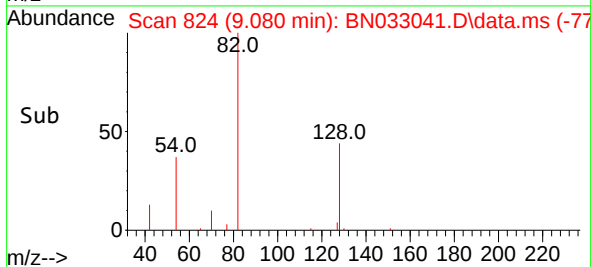
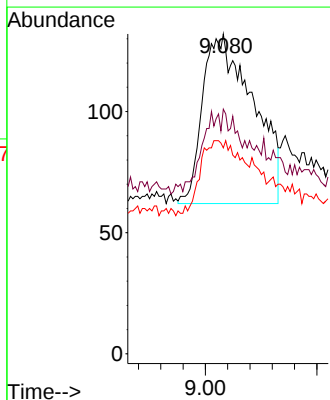
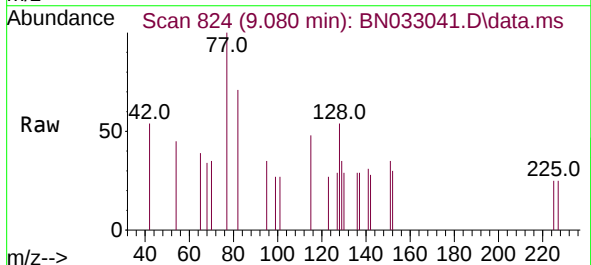
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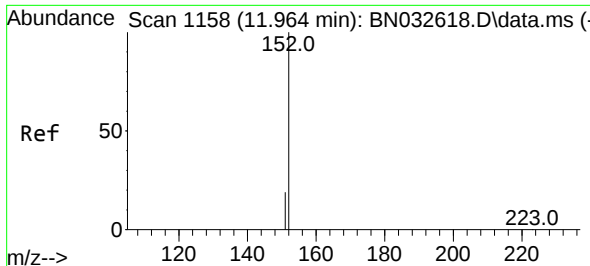
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.257 ng m
RT: 9.080 min Scan# 824
Delta R.T. 0.346 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

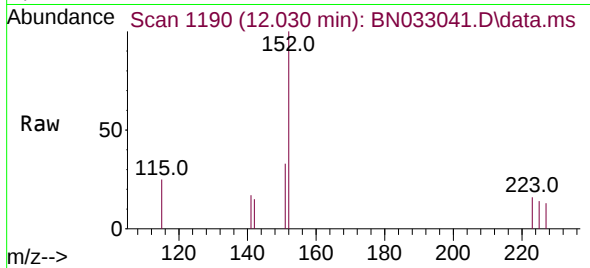
Tgt Ion: 82 Resp: 1096
Ion Ratio Lower Upper
82 100
128 76.5 41.7 62.5#
54 64.4 39.5 59.3#





#11
2-Methylnaphthalene-d10
Concen: 0.296 ng m
RT: 12.030 min Scan# 1158
Delta R.T. 0.115 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

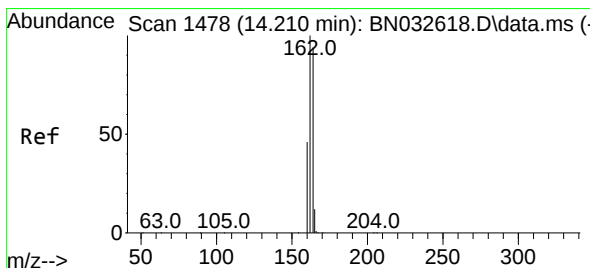
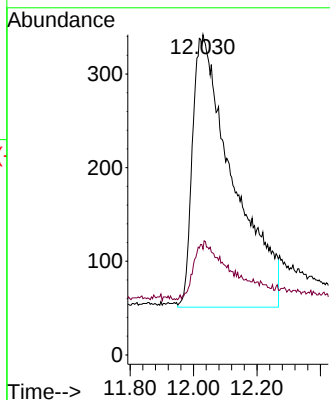
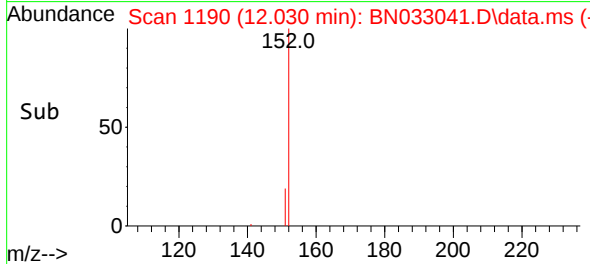
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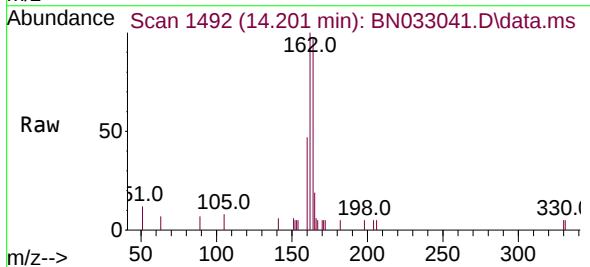
Tgt Ion:152 Resp: 256
Ion Ratio Lower Upper
152 100
151 14.6 16.2 24.2

Manual Integrations
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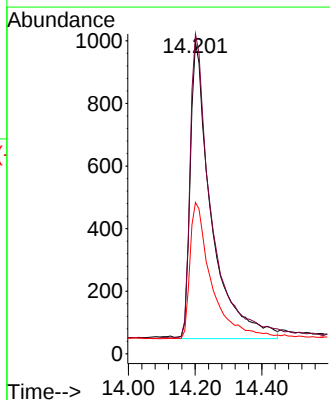
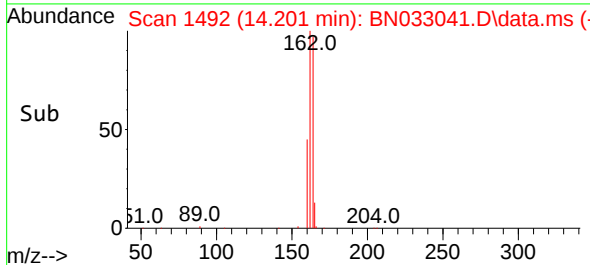
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

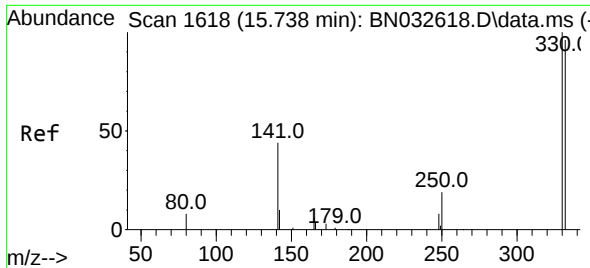


#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.201 min Scan# 1492
Delta R.T. 0.023 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15



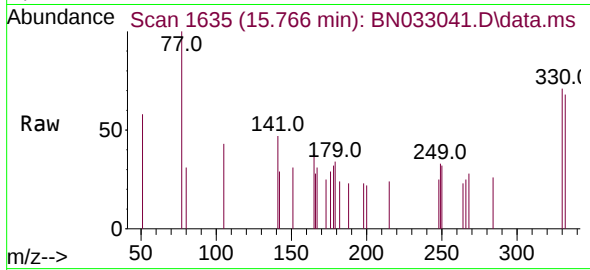
Tgt Ion:164 Resp: 4151
Ion Ratio Lower Upper
164 100
162 102.6 85.0 127.4
160 48.6 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.766 min Scan# 1635
Delta R.T. 0.040 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

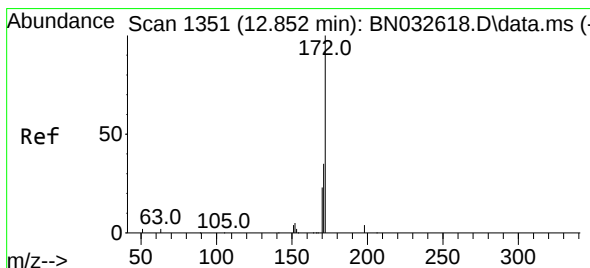
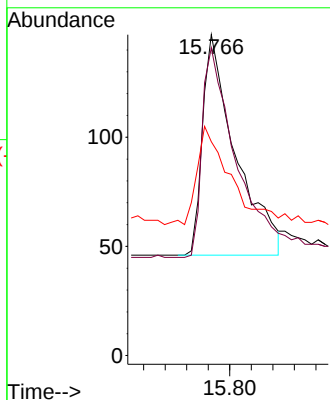
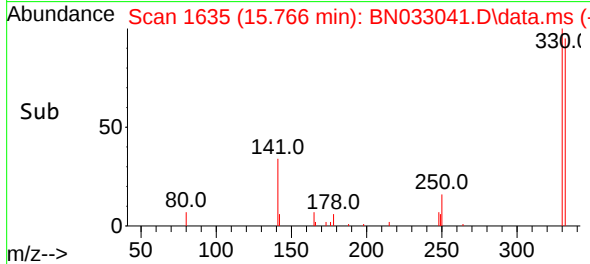
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524



Tgt Ion: 330 Resp: 430
Ion Ratio Lower Upper
330 100
332 99.1 77.8 116.8
141 44.7 34.2 51.2

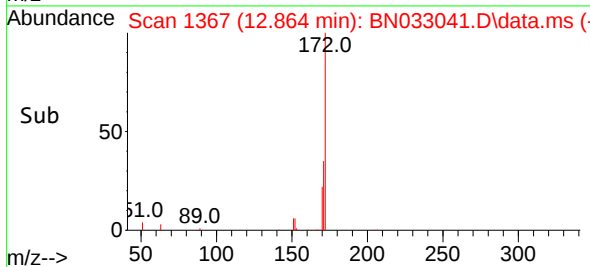
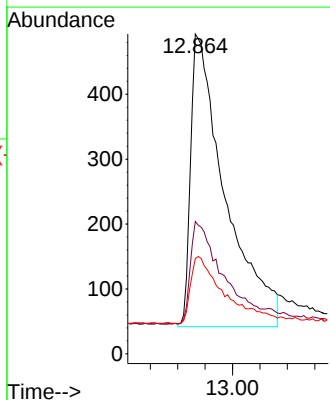
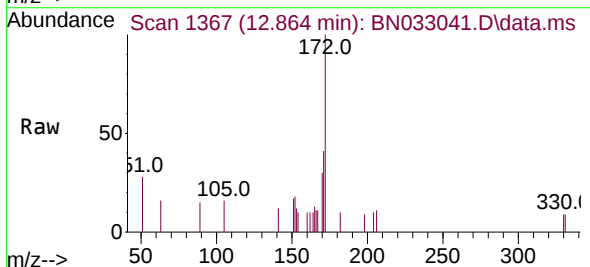
Manual Integrations
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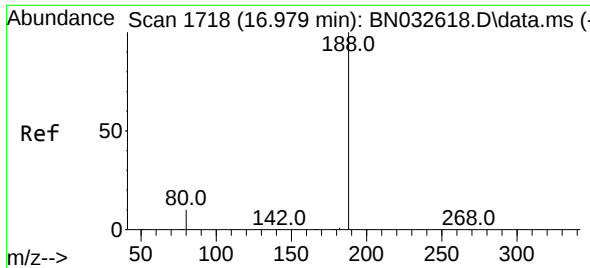
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.254 ng m
RT: 12.864 min Scan# 1367
Delta R.T. 0.055 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

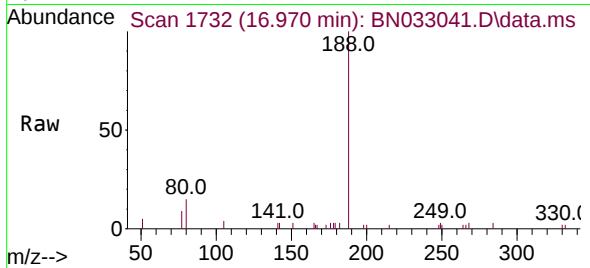
Tgt Ion: 172 Resp: 3928
Ion Ratio Lower Upper
172 100
171 41.4 28.6 43.0
170 29.8 19.0 28.6#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 11
Delta R.T. 0.016 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

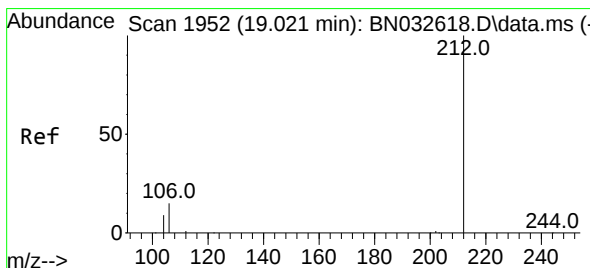
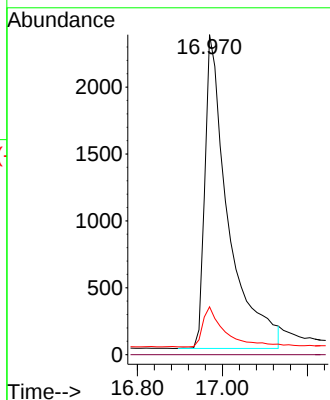
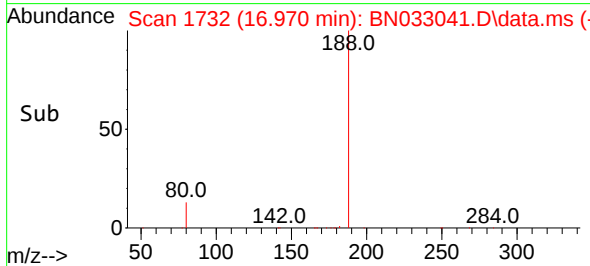
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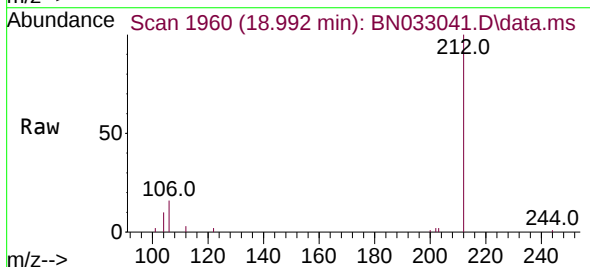
Tgt Ion:188 Resp: 8884
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 8.8 13.2

Manual Integrations
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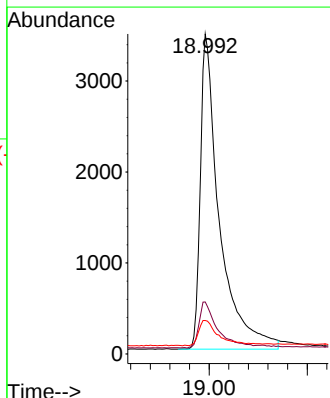
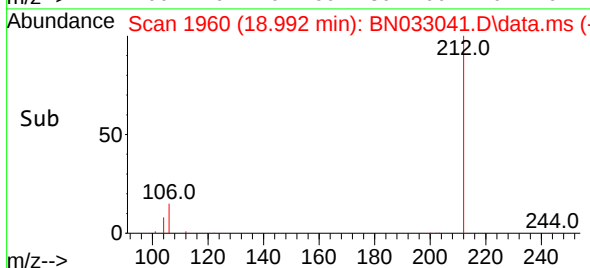
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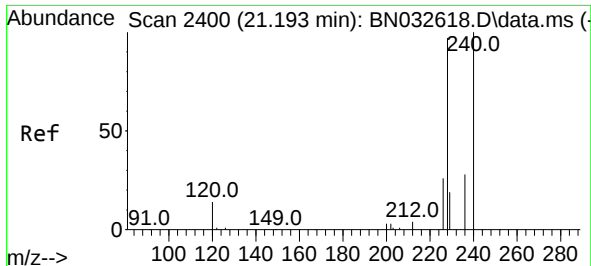


#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.992 min Scan# 1960
Delta R.T. -0.001 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15



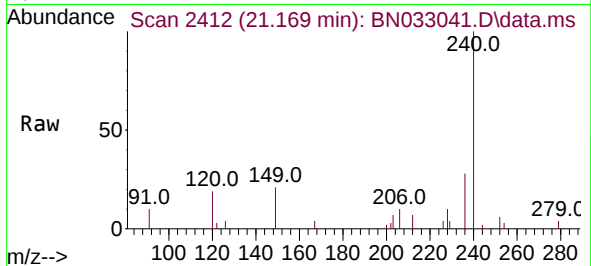
Tgt Ion:212 Resp: 9349
Ion Ratio Lower Upper
212 100
106 14.0 11.9 17.9
104 8.8 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.169 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

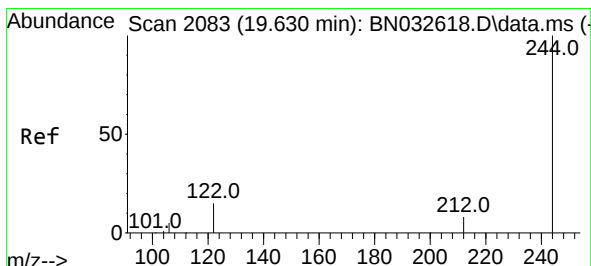
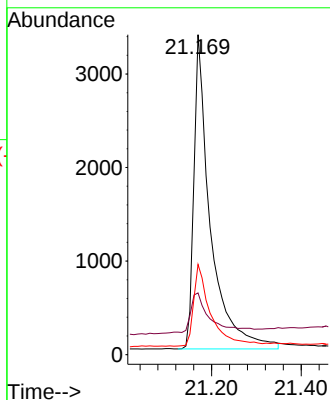
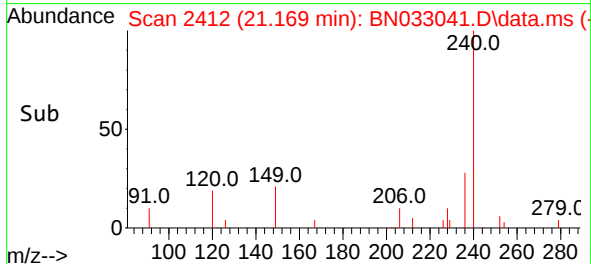
Instrument :
BNA_N
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GWBR-05-258-278-072524



Tgt Ion:240 Resp: 859
Ion Ratio Lower Upper
240 100
120 19.3 14.8 22.2
236 28.2 23.3 34.9

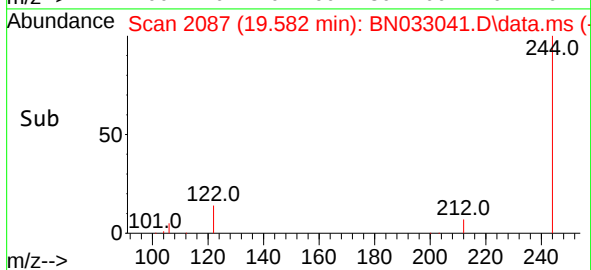
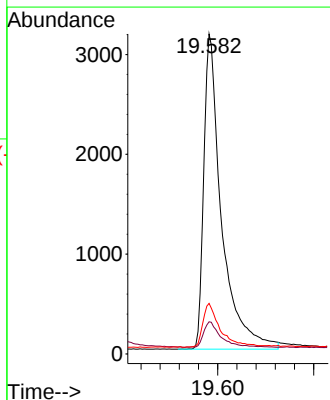
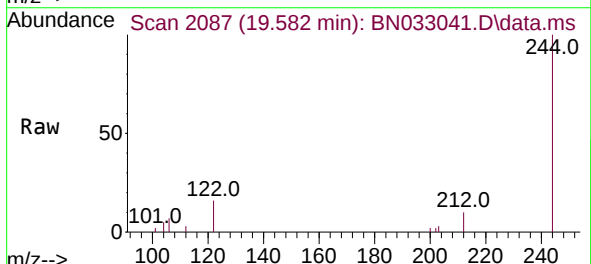
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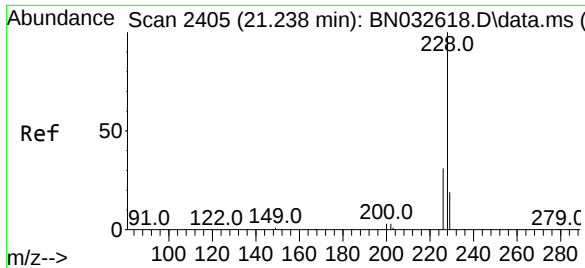
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

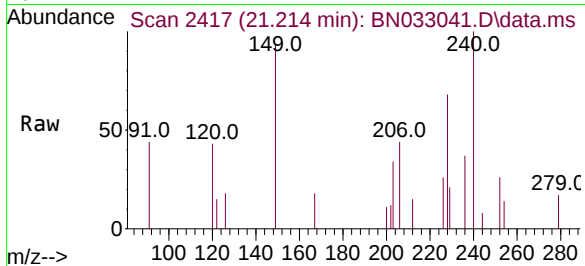
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Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 15.8 12.6 19.0





#33
Chrysene
Concen: 0.041 ng m
RT: 21.214 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

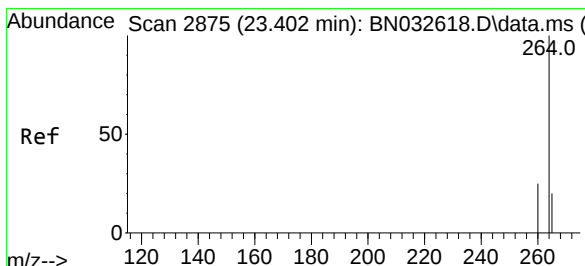
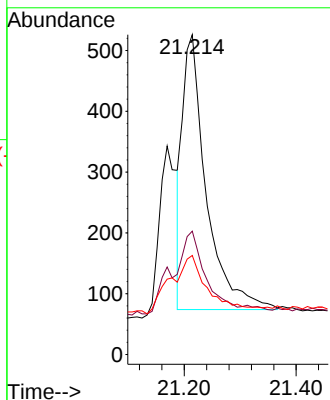
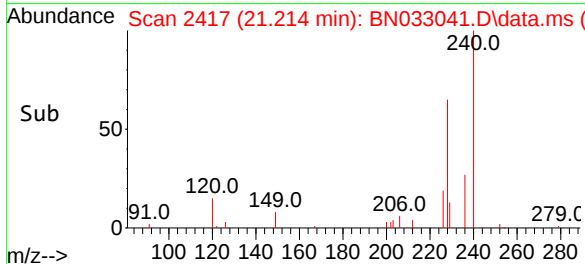
Instrument :
BNA_N
ClientSampleId :
GWBR-05-258-278-072524



Tgt Ion:228 Resp: 133
Ion Ratio Lower Upper
228 100
226 38.6 24.2 36.2
229 31.0 16.0 24.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 2877
Delta R.T. 0.003 min
Lab File: BN033041.D
Acq: 27 Jul 2024 20:15

Tgt Ion:264 Resp: 9427
Ion Ratio Lower Upper
264 100
260 25.9 20.9 31.3
265 100.0 85.4 128.2

