

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
 Data File : BN022021.D
 Acq On : 06 Oct 2022 16:30
 Operator : CG/JU
 Sample : N5005-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-255-275-100422

Quant Time: Oct 07 00:40:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4249	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	13519	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	7308	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	15028	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	12061	0.400	ng	# 0.00
35) Perylene-d12	24.081	264	9174	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	1568	0.159	ng	0.00
5) Phenol-d6	7.141	99	1223	0.096	ng	0.00
8) Nitrobenzene-d5	9.161	82	3838m	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.406	152	8578	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	1385	0.497	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	11517	0.361	ng	-0.01
27) Fluoranthene-d10	19.437	212	18041	0.452	ng	0.00
31) Terphenyl-d14	20.033	244	11480	0.473	ng	0.00
Target Compounds						
25) Phenanthrene	17.437	178	1163	0.023	ng	96
34) Bis(2-ethylhexyl)phtha...	21.501	149	12873	0.592	ng	99
39) Benzo(a)pyrene	23.967	252	880	0.027	ng	# 1
41) Benzo(g,h,i)perylene	27.490	276	1057	0.026	ng	# 66

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

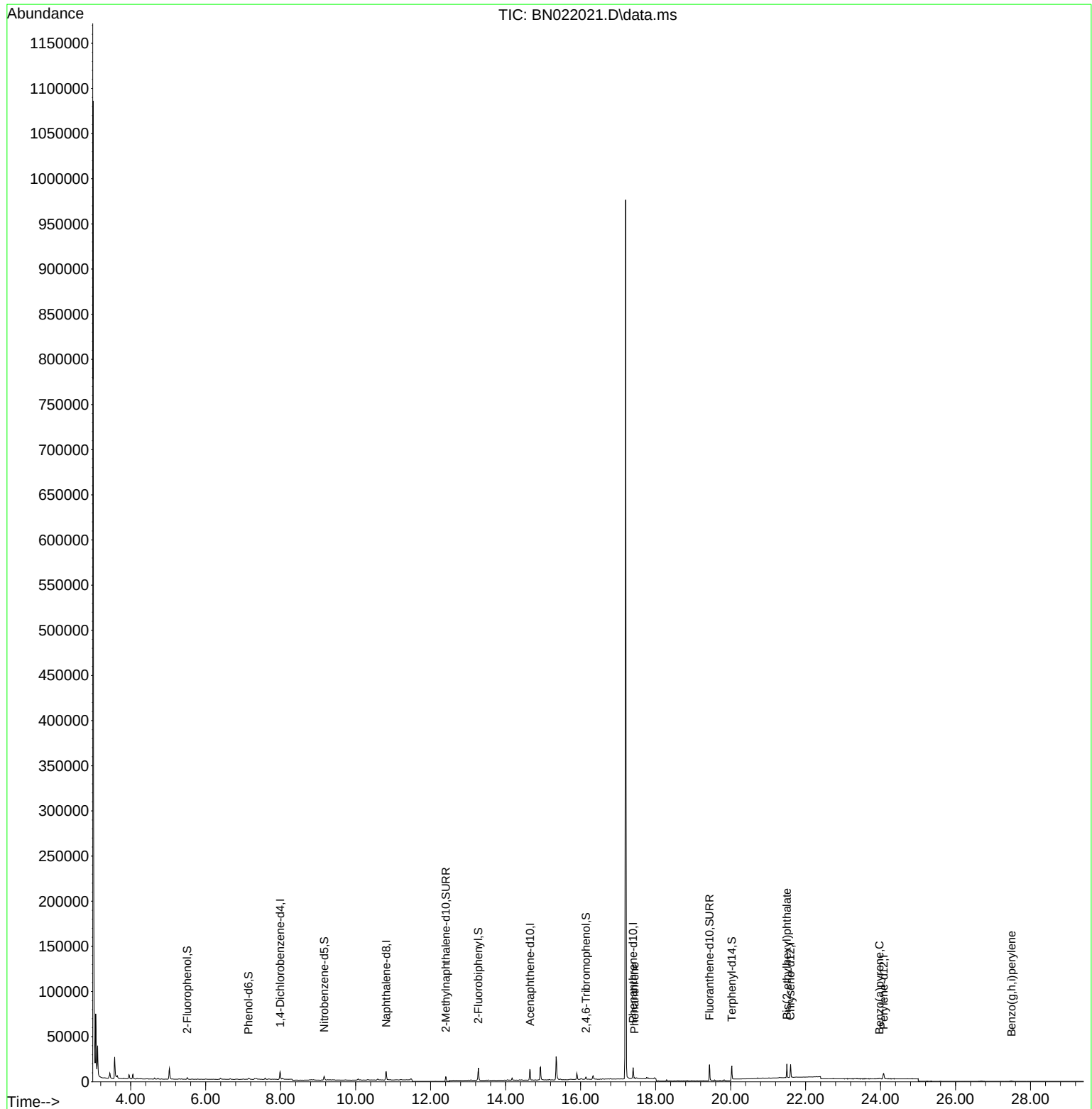
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Data File : BN022021.D
Acq On : 06 Oct 2022 16:30
Operator : CG/JU
Sample : N5005-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

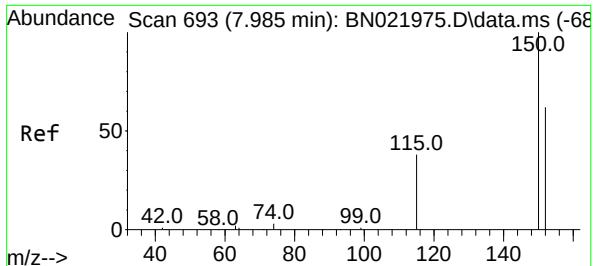
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422

Quant Time: Oct 07 00:40:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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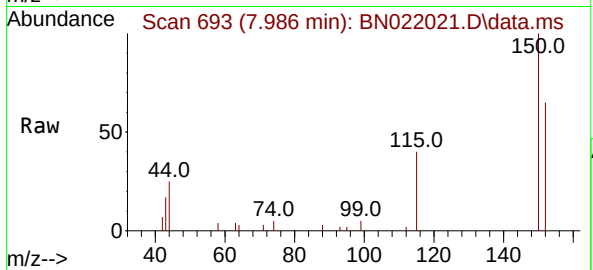
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.986 min Scan# 693
Delta R.T. 0.001 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

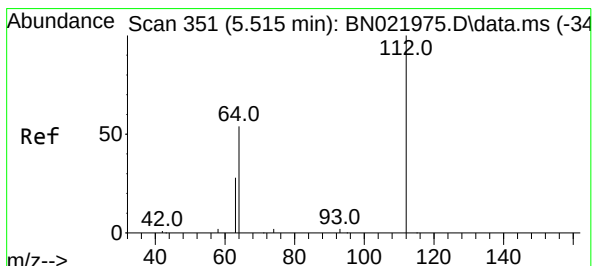
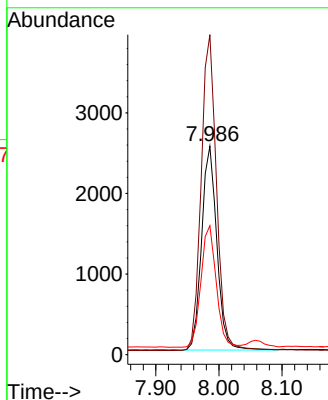
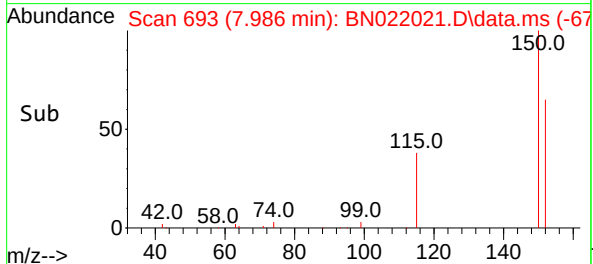
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422



Tgt Ion:152 Resp: 4249
Ion Ratio Lower Upper
152 100
150 153.5 127.2 190.8
115 61.8 51.4 77.0

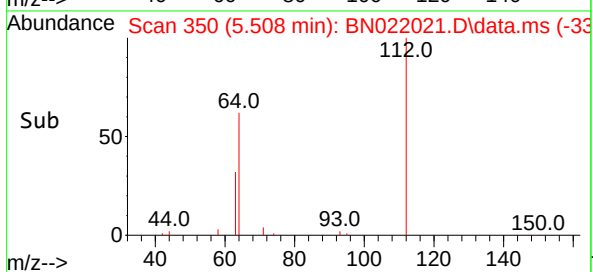
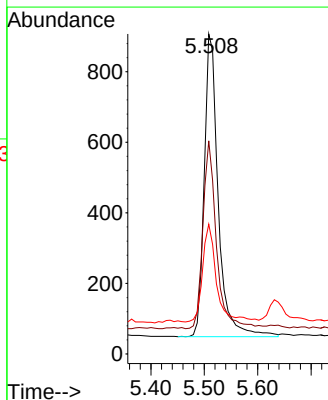
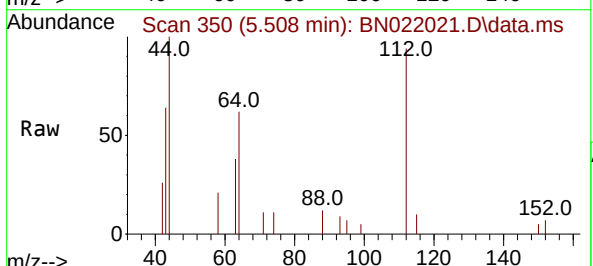
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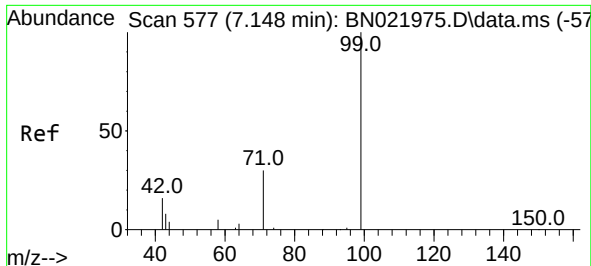
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#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.508 min Scan# 350
Delta R.T. -0.007 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion:112 Resp: 1568
Ion Ratio Lower Upper
112 100
64 60.2 46.9 70.3
63 32.0 24.6 37.0





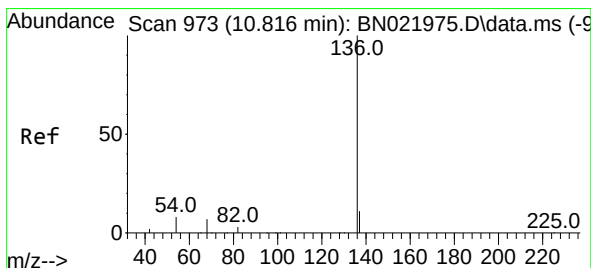
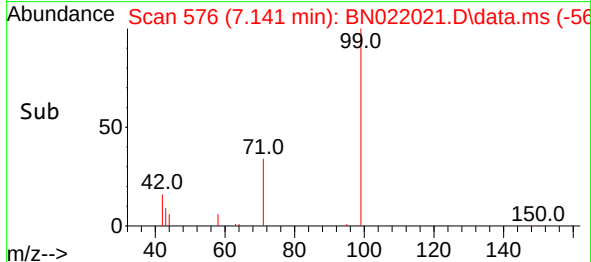
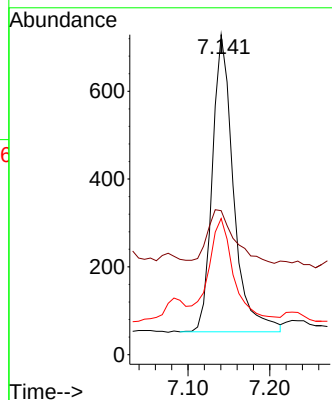
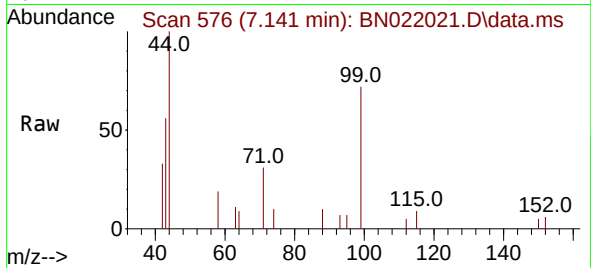
#5
Phenol-d6
Concen: 0.096 ng
RT: 7.141 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Instrument : BNA_N
ClientSampleId : GWOW-BR-02-255-275-100422

Tgt Ion: 99 Resp: 122
Ion Ratio Lower Upper
99 100
42 22.7 15.9 23.9
71 38.5 25.6 38.4

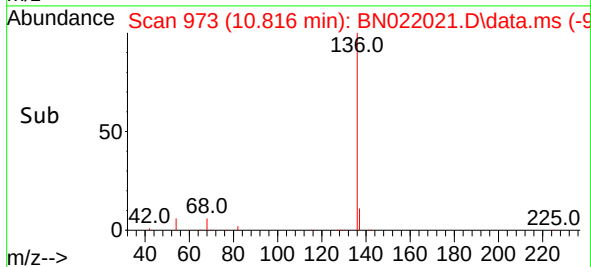
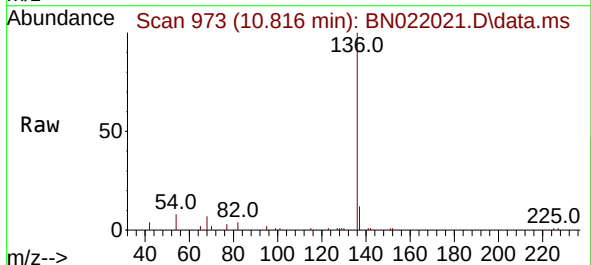
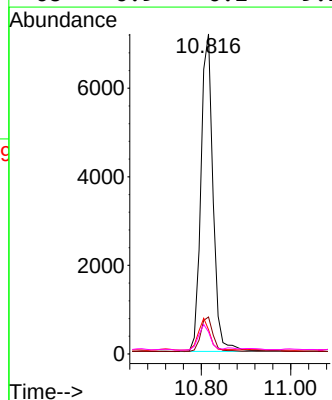
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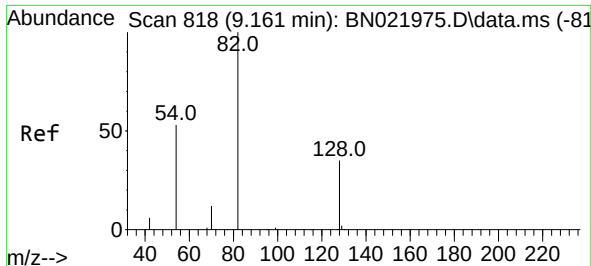
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

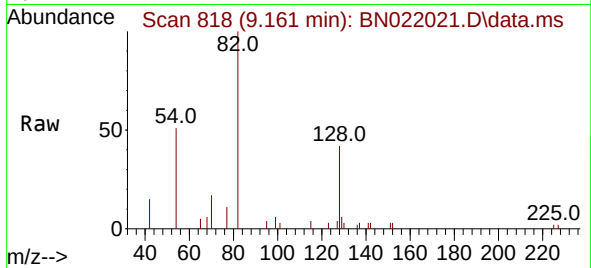
Tgt Ion:136 Resp: 13519
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.6 7.1 10.7
68 6.9 6.2 9.2





#8
Nitrobenzene-d5
Concen: 0.353 ng m
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

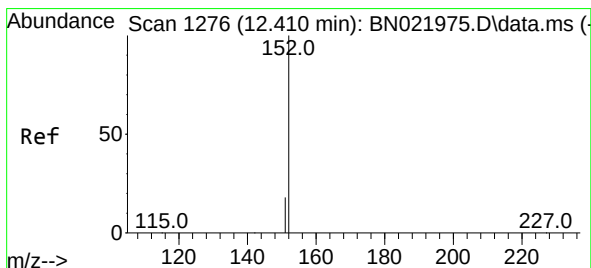
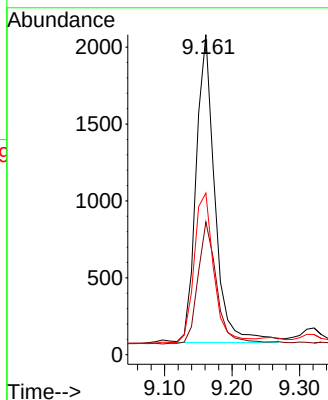
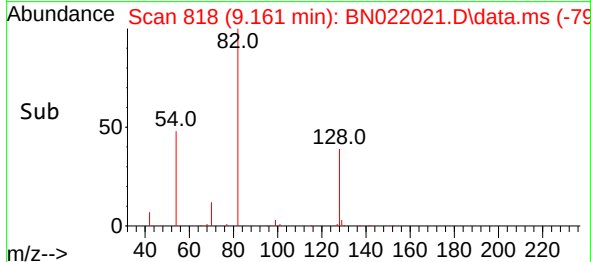
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 3838
Ion Ratio Lower Upper
82 100
128 41.5 29.9 44.9
54 50.5 43.5 65.3

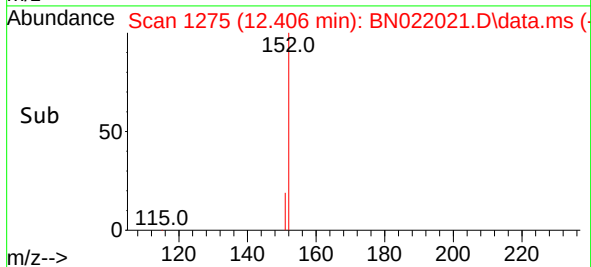
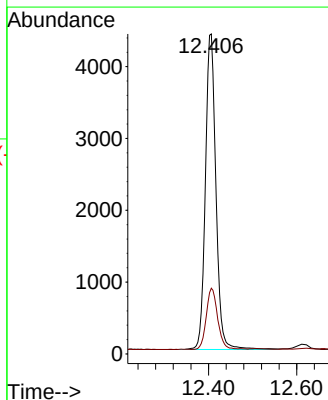
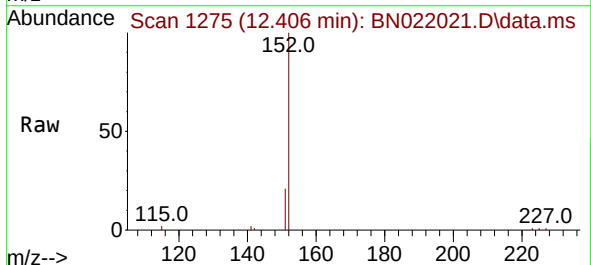
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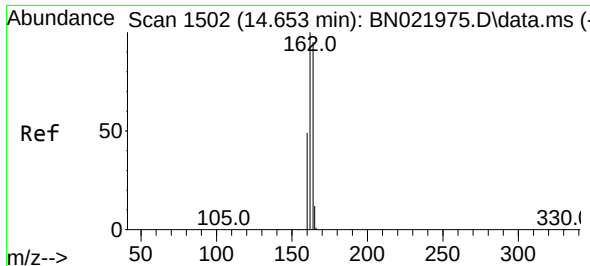
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.406 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

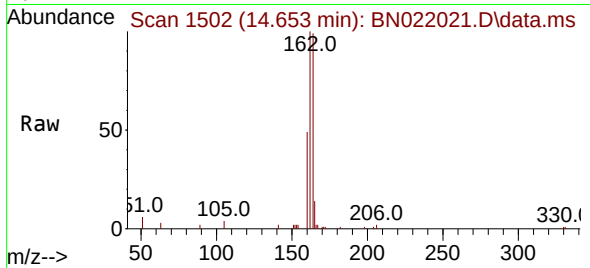
Tgt Ion:152 Resp: 8578
Ion Ratio Lower Upper
152 100
151 17.7 13.8 20.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

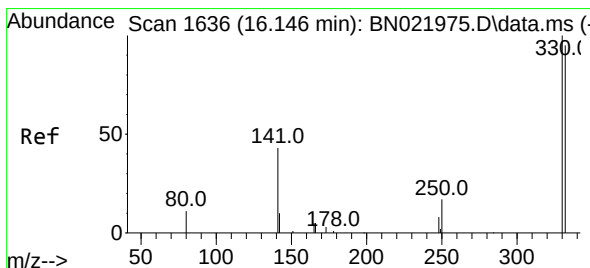
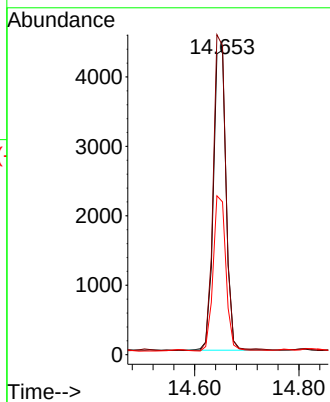
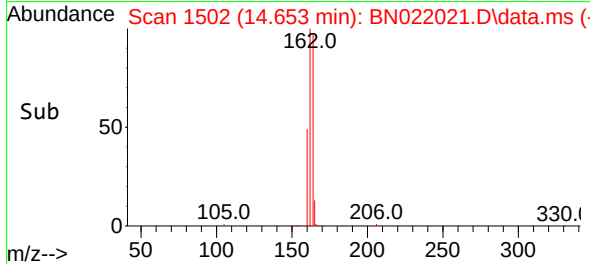
Instrument :
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ClientSampleId :
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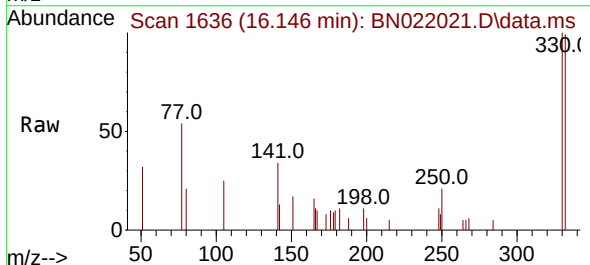
Tgt Ion:164 Resp: 7308
Ion Ratio Lower Upper
164 100
162 101.4 84.3 126.5
160 50.2 41.7 62.5

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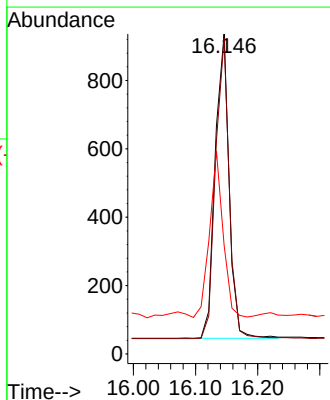
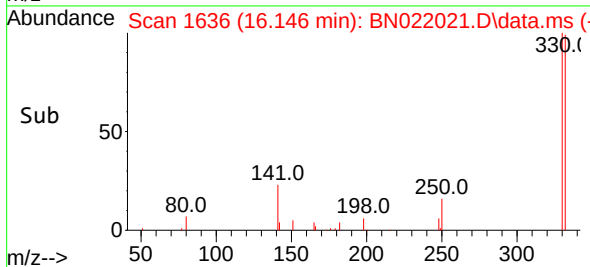
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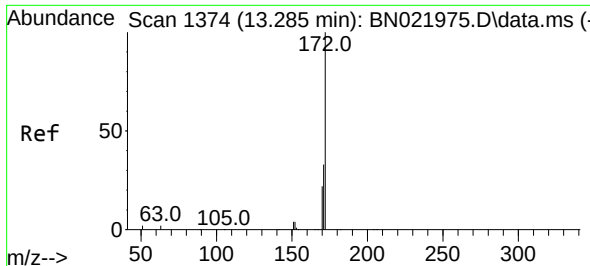


#14
2,4,6-Tribromophenol
Concen: 0.497 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30



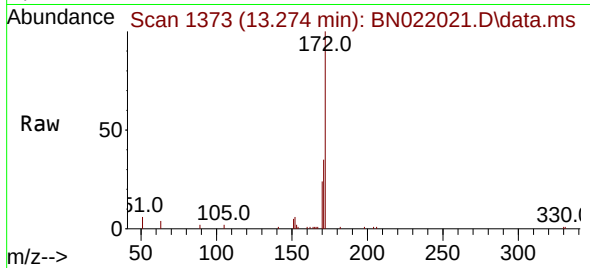
Tgt Ion:330 Resp: 1385
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 53.0 35.3 52.9#





#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.274 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

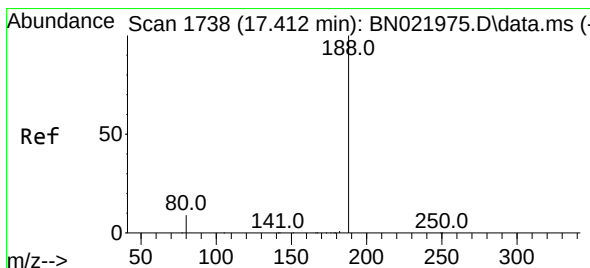
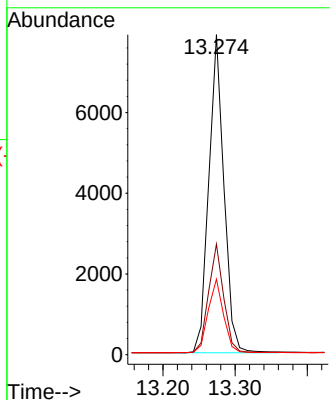
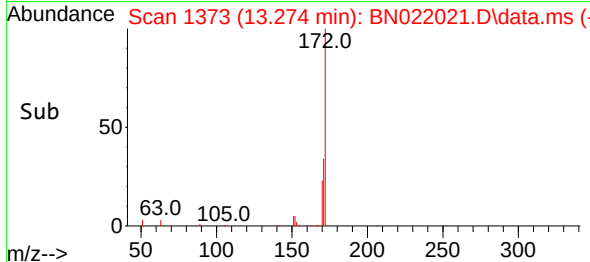
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422



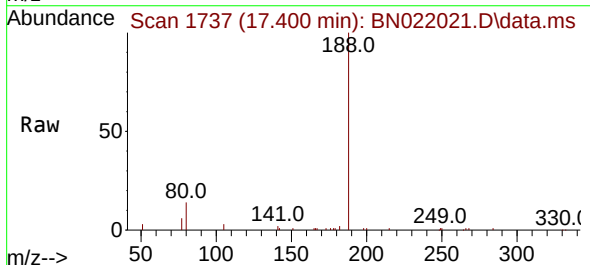
Tgt Ion:172 Resp: 1151
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.6 18.3 27.5

Manual Integrations
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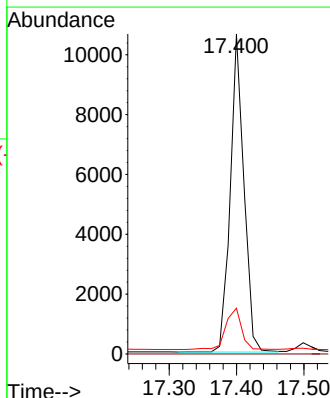
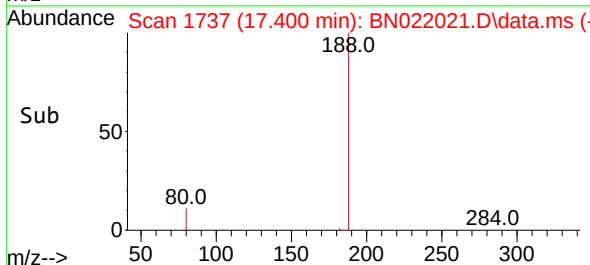
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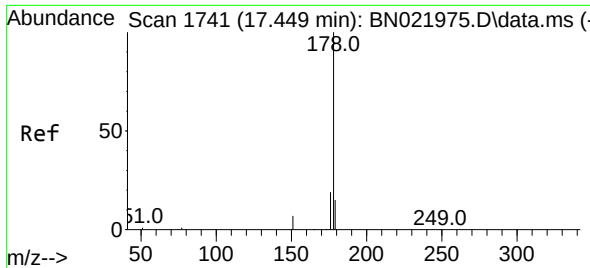


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30



Tgt Ion:188 Resp: 15028
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.5 11.3#





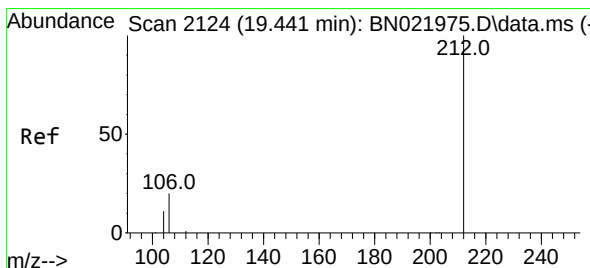
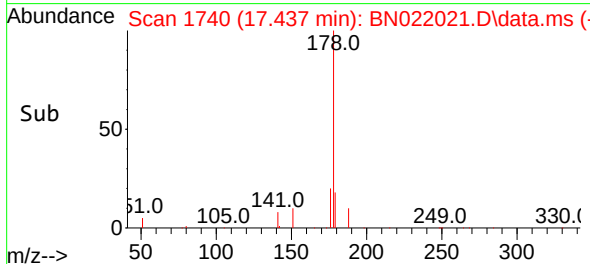
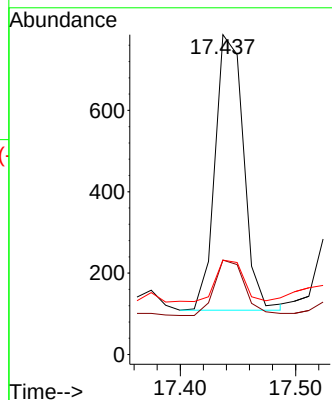
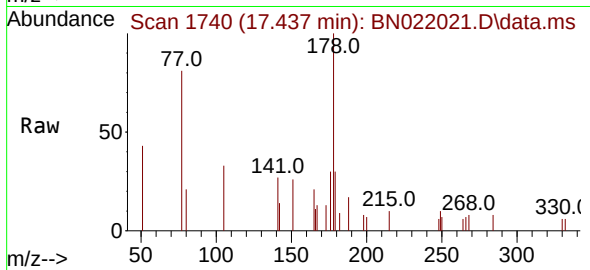
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Phenanthrene
Concen: 0.023 ng
RT: 17.437 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422

Tgt Ion:178 Resp: 1163
Ion Ratio Lower Upper
178 100
176 21.9 15.4 23.0
179 14.4 12.2 18.2

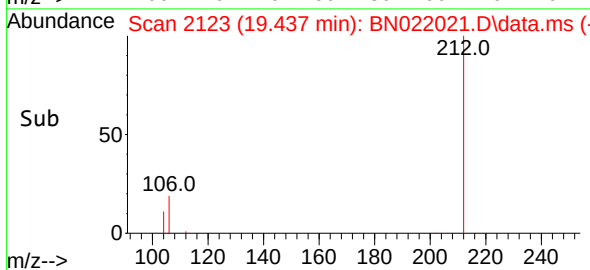
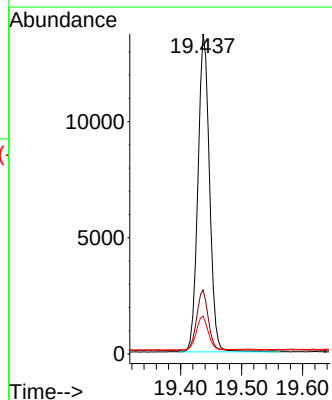
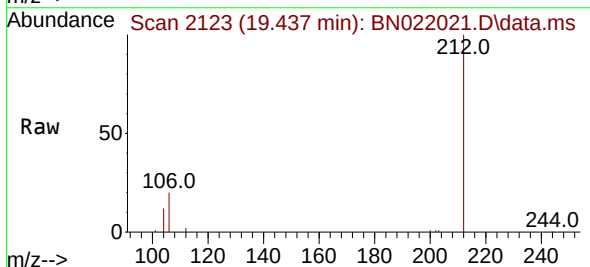
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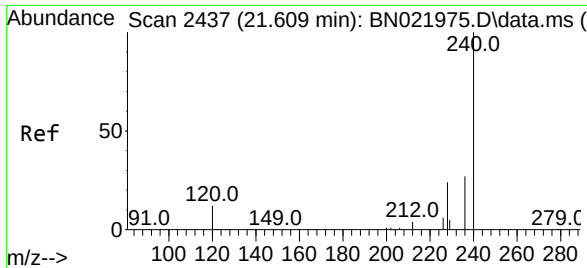
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.437 min Scan# 2123
Delta R.T. -0.004 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

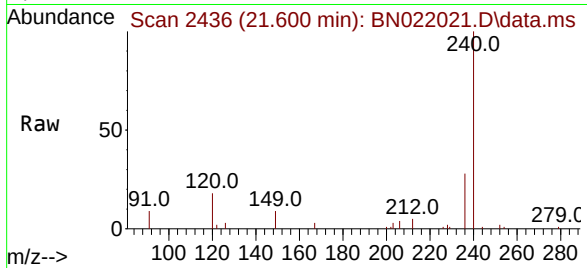
Tgt Ion:212 Resp: 18041
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 10.8 8.6 13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

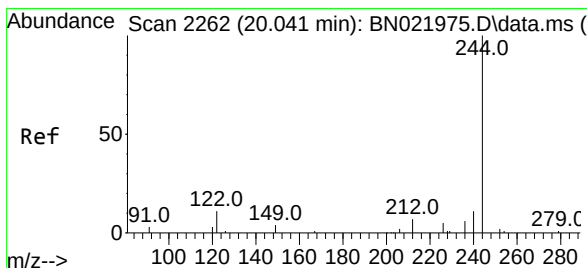
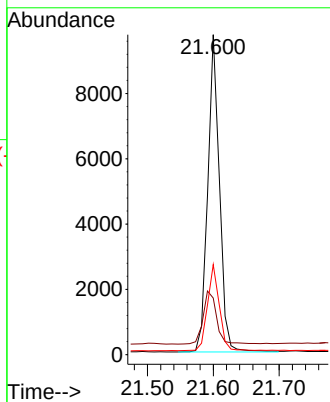
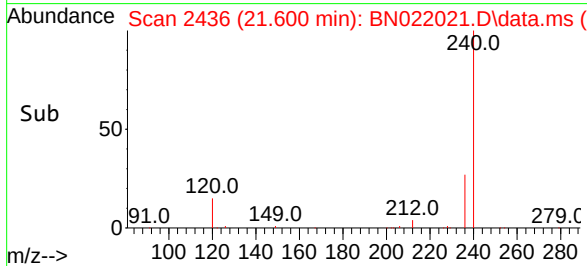
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422



Tgt Ion:240 Resp: 1206
Ion Ratio Lower Upper
240 100
120 17.7 11.8 17.6
236 28.1 22.4 33.6

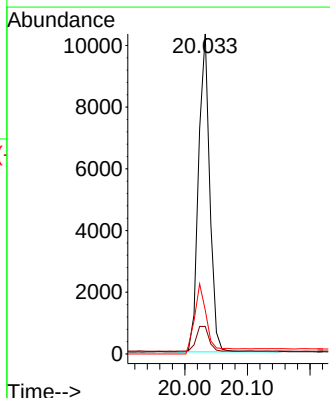
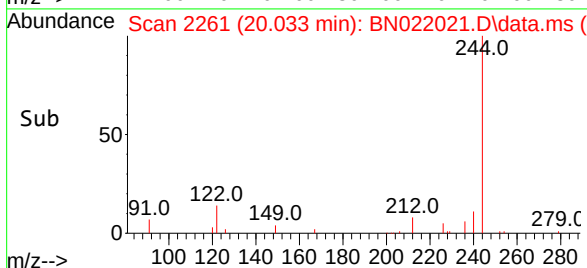
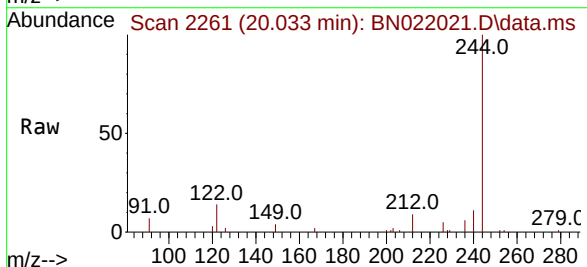
Manual Integrations
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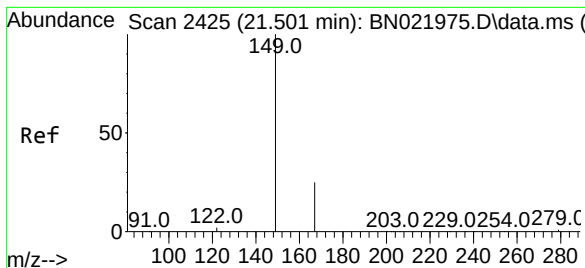
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 20.033 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

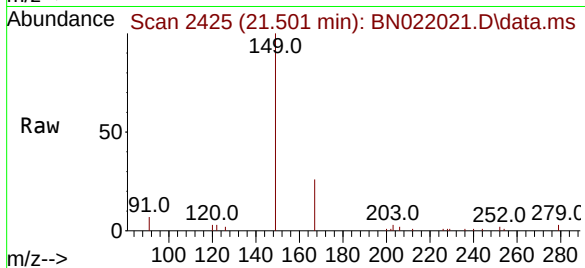
Tgt Ion:244 Resp: 11480
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 13.7 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.592 ng
RT: 21.501 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

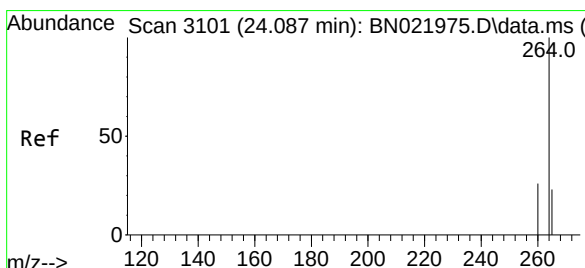
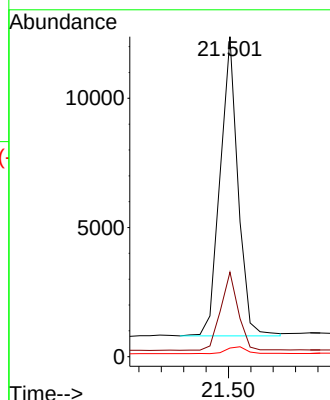
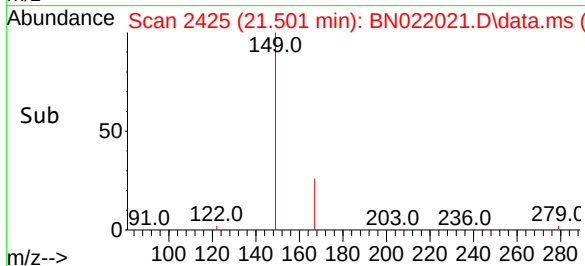
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-255-275-100422



Tgt Ion:149 Resp: 1287
Ion Ratio Lower Upper
149 100
167 25.7 20.2 30.4
279 2.7 2.3 3.5

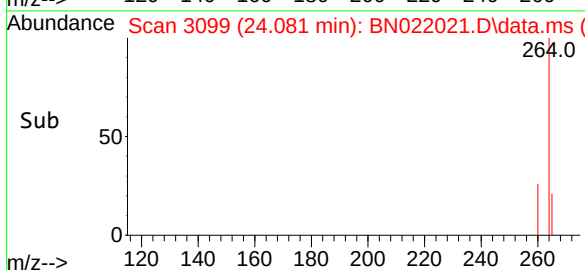
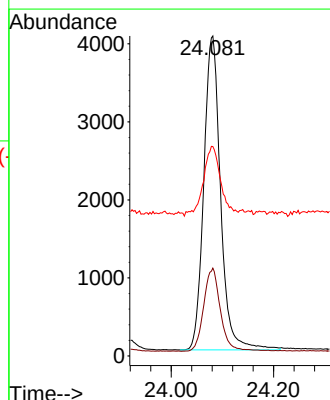
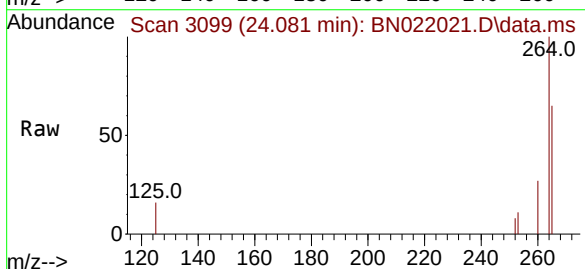
Manual Integrations
APPROVED

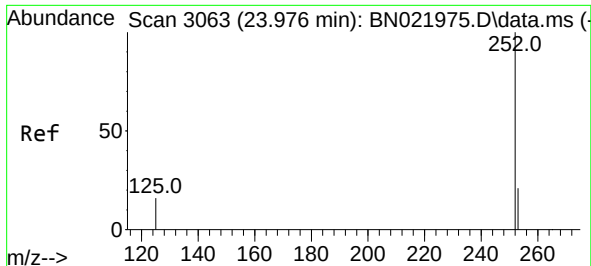
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.081 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN022021.D
Acq: 06 Oct 2022 16:30

Tgt Ion:264 Resp: 9174
Ion Ratio Lower Upper
264 100
260 27.5 21.3 31.9
265 65.5 63.0 94.4





#39

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.967 min Scan# 3063

Delta R.T. -0.009 min

Lab File: BN022021.D

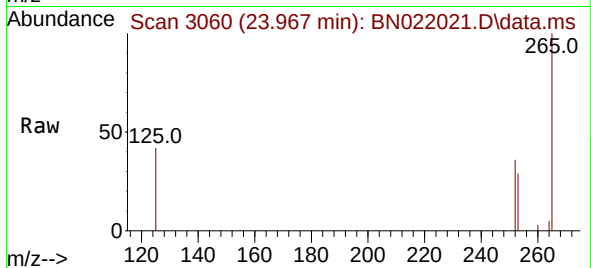
Acq: 06 Oct 2022 16:30

Instrument :

BN022021.D

ClientSampleId :

GWOW-BR-02-255-275-100422



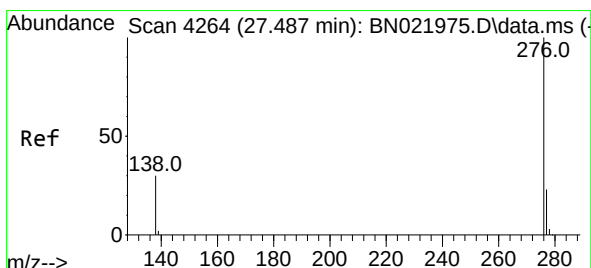
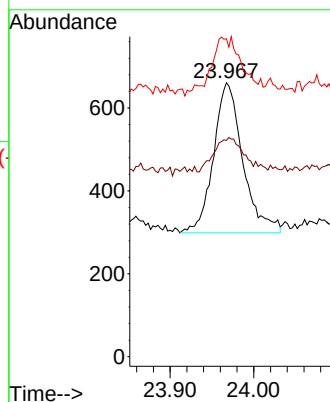
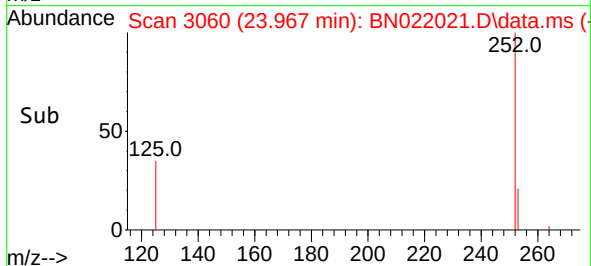
Tgt Ion:252 Resp: 880

Ion	Ratio	Lower	Upper
252	100		
253	79.0	23.2	34.8
125	116.0	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#41

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 27.490 min Scan# 4265

Delta R.T. 0.003 min

Lab File: BN022021.D

Acq: 06 Oct 2022 16:30

Tgt Ion:276 Resp: 1057

Ion	Ratio	Lower	Upper
276	100		
277	39.6	20.0	30.0
138	52.4	25.2	37.8

