

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
 Data File : BN021990.D
 Acq On : 04 Oct 2022 00:10
 Operator : CG/JU
 Sample : N4913-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-140-160-092822

Quant Time: Oct 04 02:06:00 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 :Jagrut Upadhyay 10/04/2022
 Supervised By :mohammad ahmed 10/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	3796	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11541	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	5992	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12687	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	10399	0.400	ng	# 0.00
35) Perylene-d12	24.081	264	8191	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1121	0.127	ng	0.00
5) Phenol-d6	7.148	99	795	0.070	ng	0.00
8) Nitrobenzene-d5	9.172	82	2627m	0.283	ng	0.01
11) 2-Methylnaphthalene-d10	12.410	152	6724	0.317	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	620	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	7698	0.294	ng	0.00
27) Fluoranthene-d10	19.441	212	12726	0.377	ng	0.00
31) Terphenyl-d14	20.032	244	7698	0.368	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.449	178	1003m	0.023	ng	
26) Anthracene	17.536	178	1153	0.033	ng	99
28) Fluoranthene	19.470	202	1453	0.031	ng	# 93
30) Pyrene	19.833	202	1468	0.032	ng	98
32) Benzo(a)anthracene	21.582	228	1230	0.031	ng	# 91
33) Chrysene	21.636	228	1665	0.038	ng	94
34) Bis(2-ethylhexyl)phtha...	21.501	149	14708	0.784	ng	99
36) Indeno(1,2,3-cd)pyrene	26.698	276	956	0.023	ng	98
37) Benzo(b)fluoranthene	23.321	252	1009	0.026	ng	# 9
38) Benzo(k)fluoranthene	23.371	252	1041	0.027	ng	# 16
39) Benzo(a)pyrene	23.970	252	803	0.027	ng	# 1
40) Dibenzo(a,h)anthracene	26.718	278	1002	0.030	ng	# 45
41) Benzo(g,h,i)perylene	27.490	276	844	0.024	ng	# 64

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

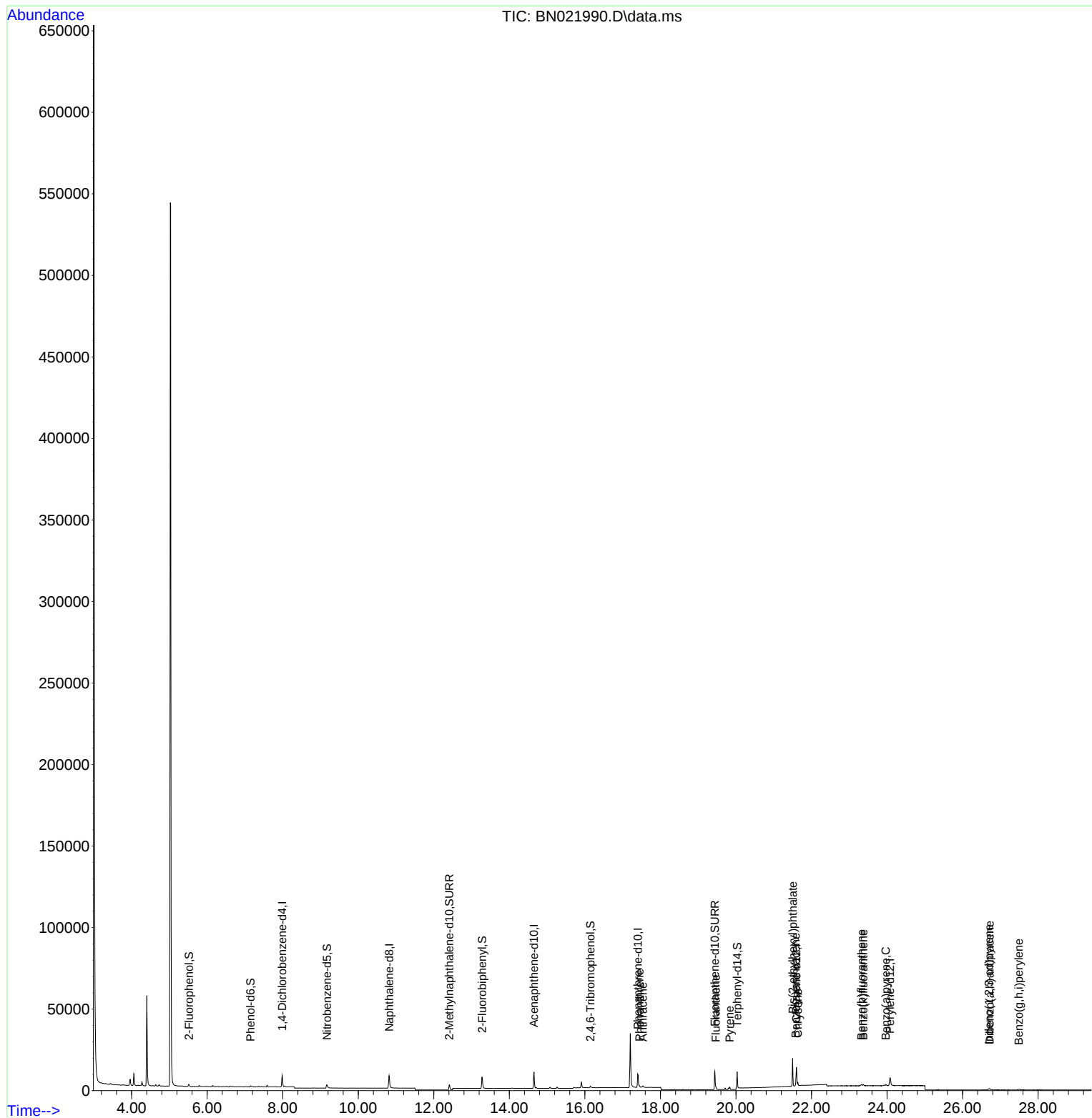
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
Data File : BN021990.D
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ALS Vial : 20 Sample Multiplier: 1

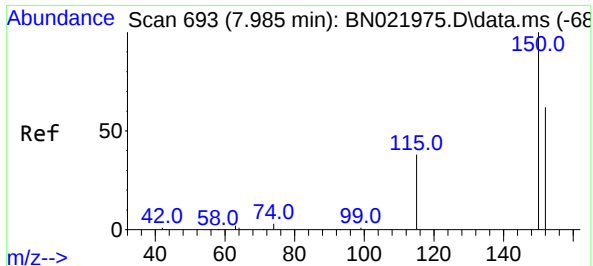
Instrument :
BNA_N
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GWOW-BR-02-140-160-092822

Quant Time: Oct 04 02:06:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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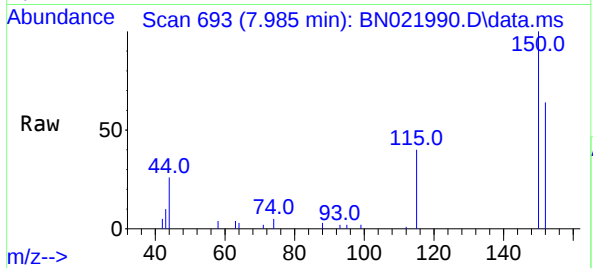
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.985 min Scan# 693
Delta R.T. 0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

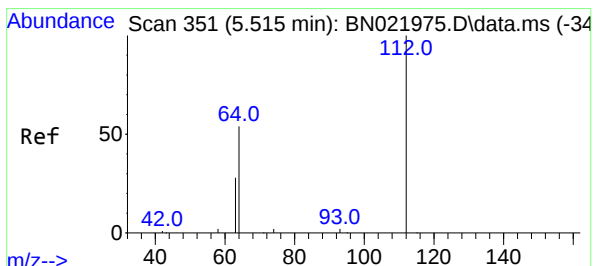
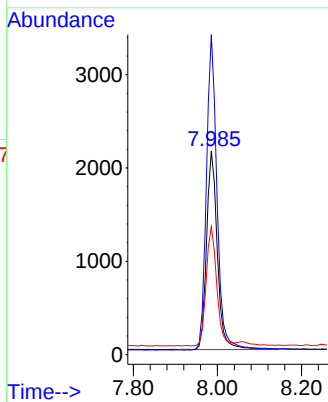
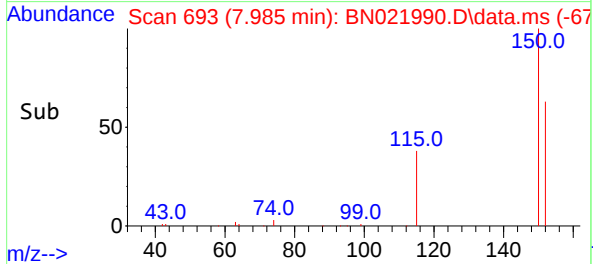
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



Tgt Ion:152 Resp: 3790
Ion Ratio Lower Upper
152 100
150 157.1 127.2 190.8
115 62.9 51.4 77.0

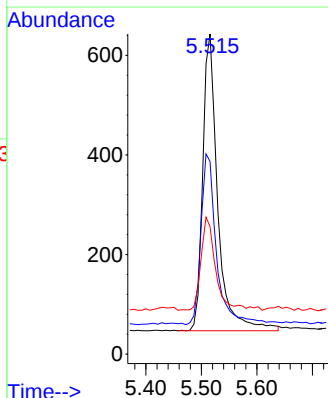
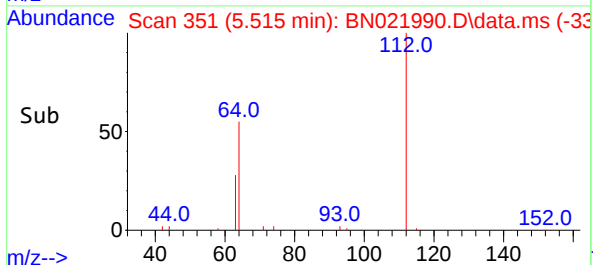
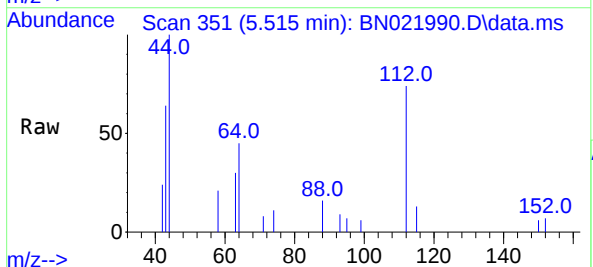
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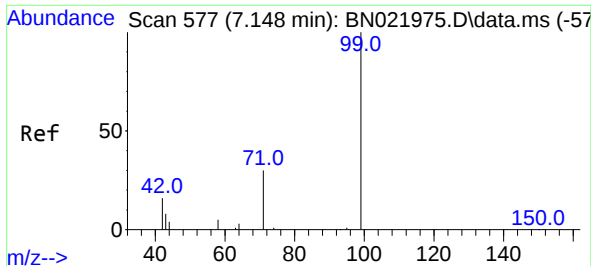
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.515 min Scan# 351
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

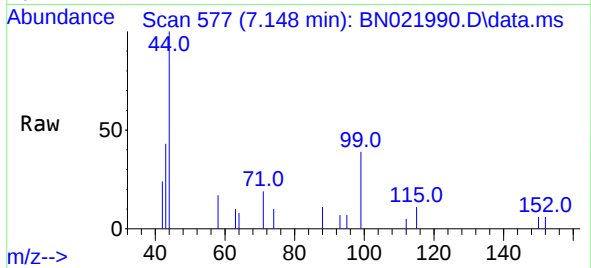
Tgt Ion:112 Resp: 1121
Ion Ratio Lower Upper
112 100
64 60.3 46.9 70.3
63 29.3 24.6 37.0





#5
Phenol-d6
Concen: 0.070 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

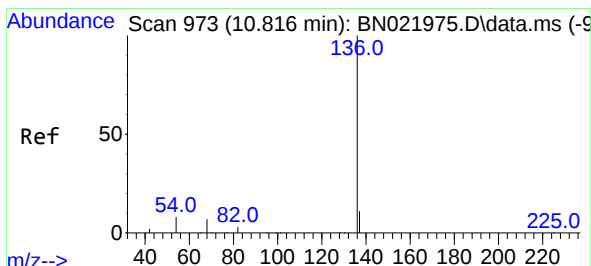
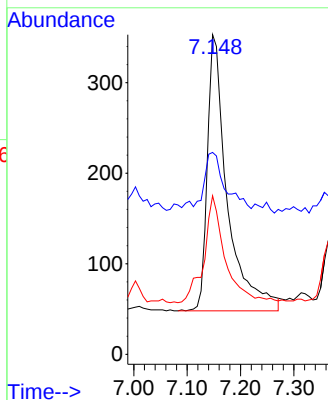
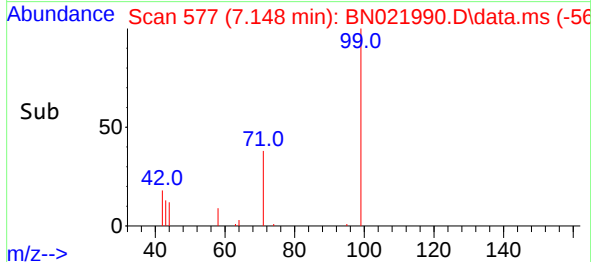
Instrument : BNA_N
ClientSampleId : GWOW-BR-02-140-160-092822



Tgt Ion: 99 Resp: 799
Ion Ratio Lower Upper
99 100
42 20.3 15.9 23.9
71 41.1 25.6 38.4

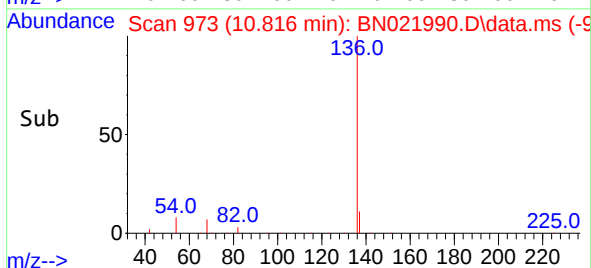
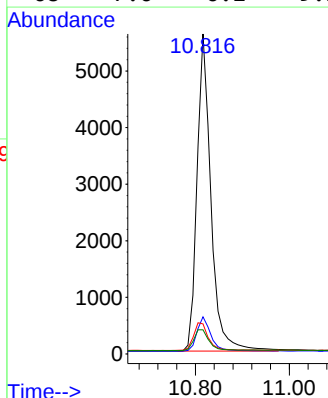
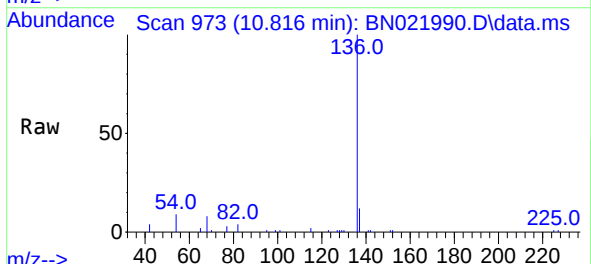
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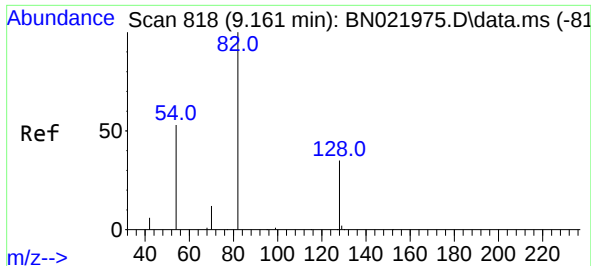
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

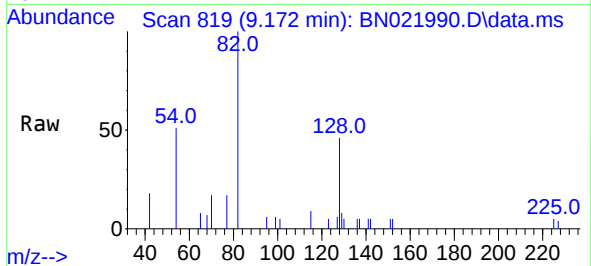
Tgt Ion:136 Resp: 11541
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.4 7.1 10.7
68 7.6 6.2 9.2





#8
Nitrobenzene-d5
Concen: 0.283 ng m
RT: 9.172 min Scan# 818
Delta R.T. 0.011 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

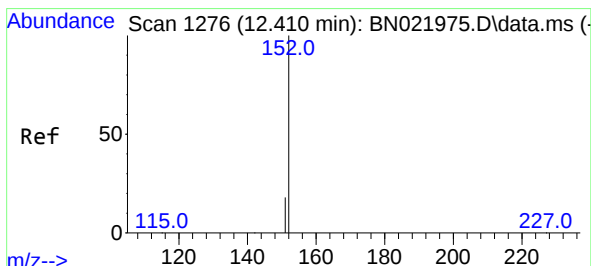
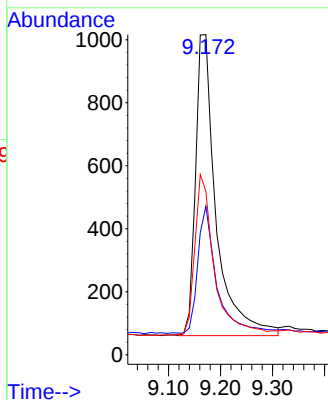
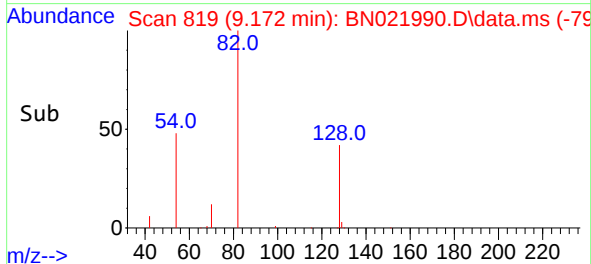
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



Tgt Ion: 82 Resp: 262
Ion Ratio Lower Upper
82 100
128 46.4 29.9 44.9
54 51.1 43.5 65.3

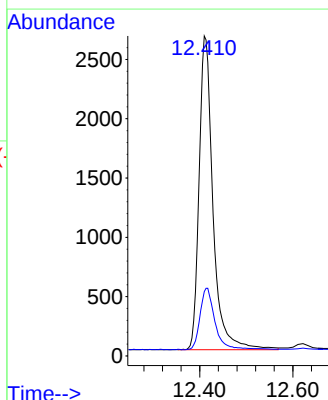
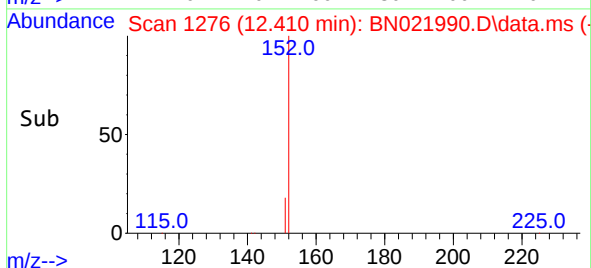
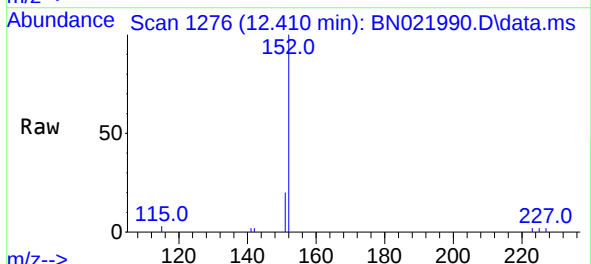
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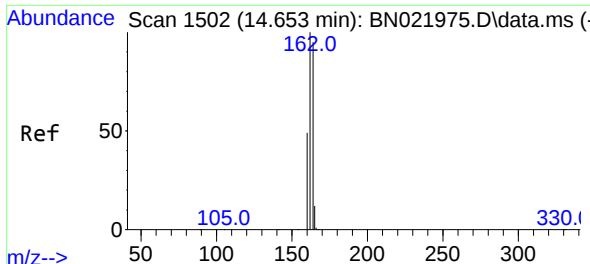
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.410 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

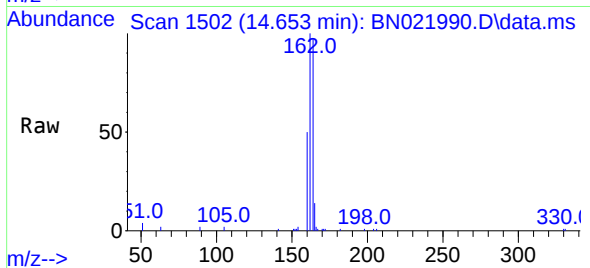
Tgt Ion:152 Resp: 6724
Ion Ratio Lower Upper
152 100
151 20.8 13.8 20.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

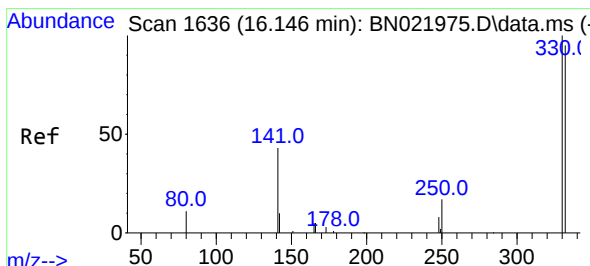
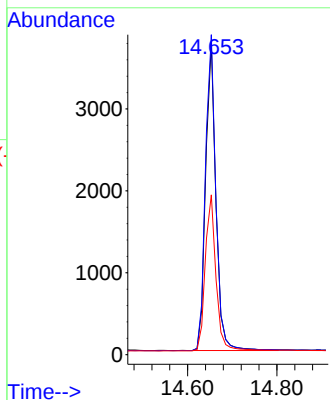
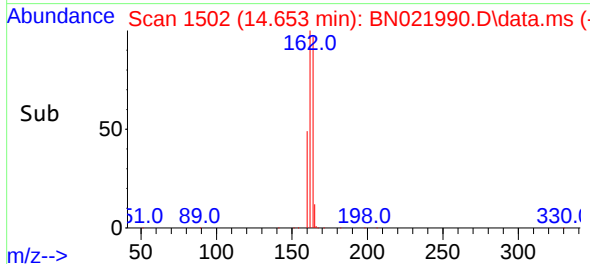
Instrument : BNA_N
ClientSampleId : GWOW-BR-02-140-160-092822



Tgt Ion:164 Resp: 599
Ion Ratio Lower Upper
164 100
162 102.7 84.3 126.5
160 51.3 41.7 62.5

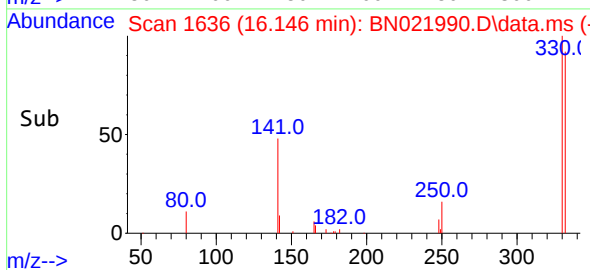
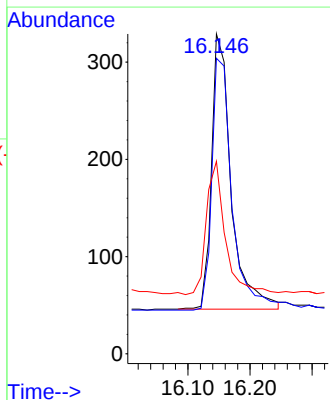
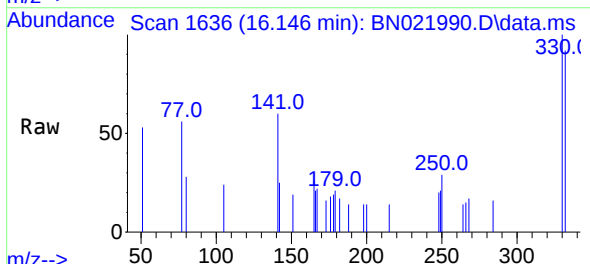
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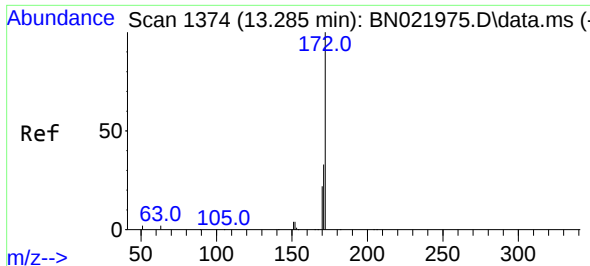
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 16.146 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

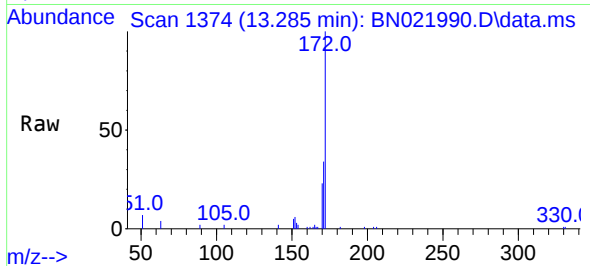
Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.4
141 46.9 35.3 52.9





#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.285 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

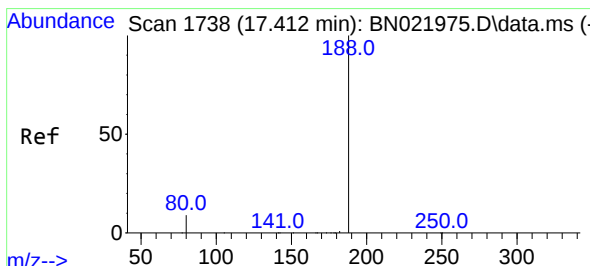
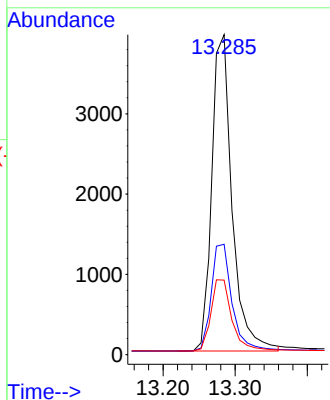
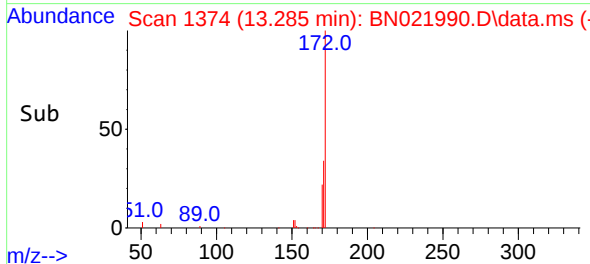
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ClientSampleId :
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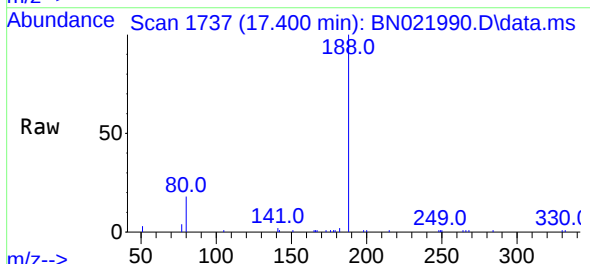
Tgt Ion:172 Resp: 7698
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 23.3 18.3 27.5

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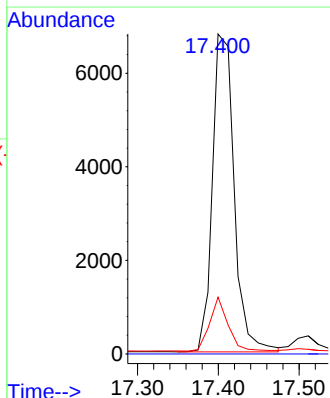
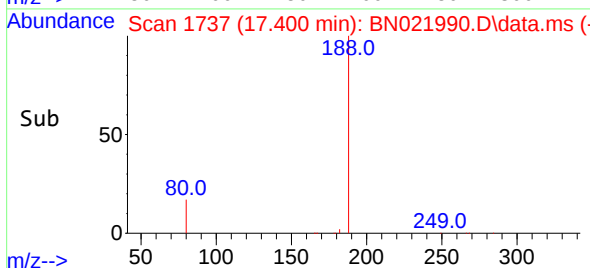
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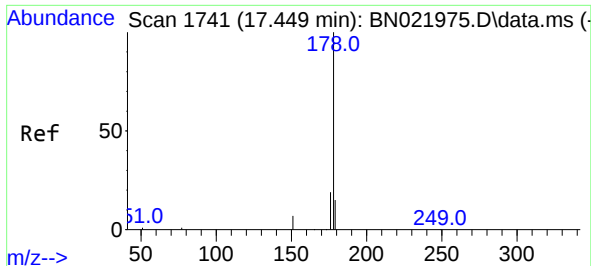


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10



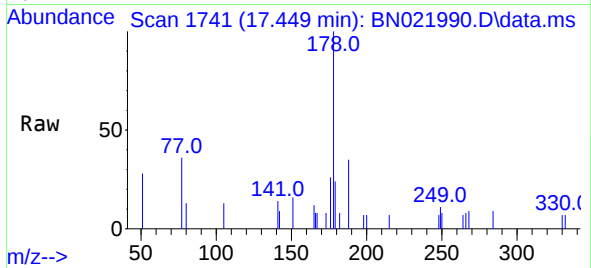
Tgt Ion:188 Resp: 12687
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.7 7.5 11.3#





#25
Phenanthrene
Concen: 0.023 ng m
RT: 17.449 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

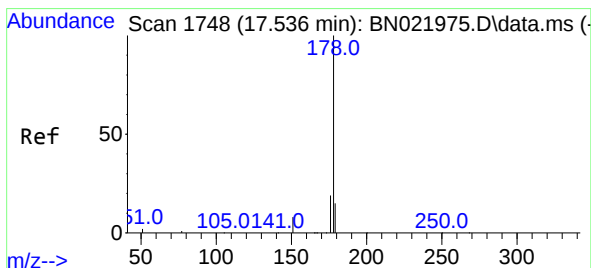
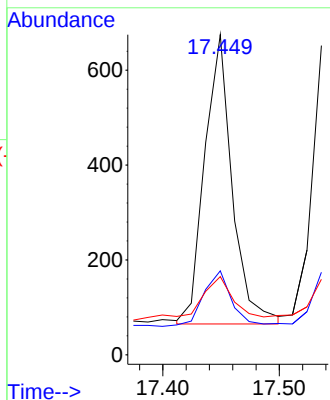
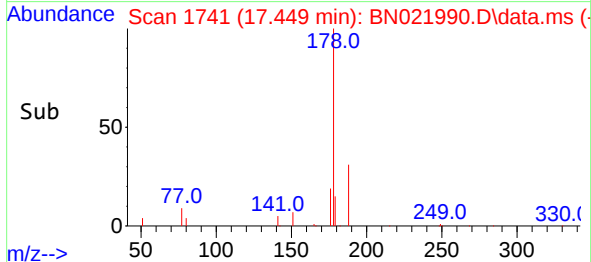
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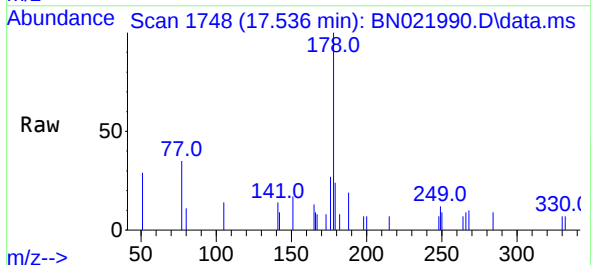
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Ion Ratio Lower Upper
178 100
176 21.3 15.4 23.0
179 16.9 12.2 18.2

Manual Integrations
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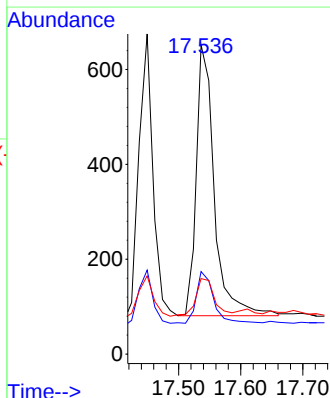
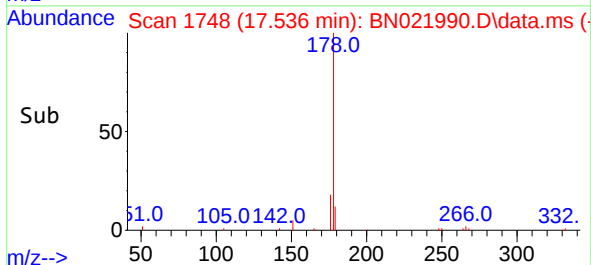
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

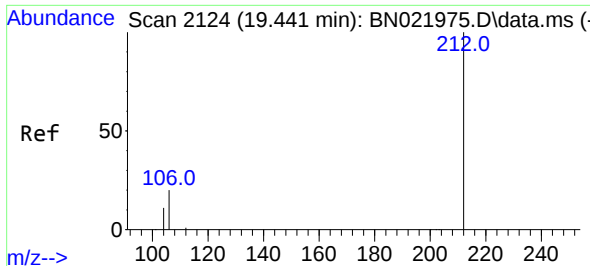


#26
Anthracene
Concen: 0.033 ng
RT: 17.536 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10



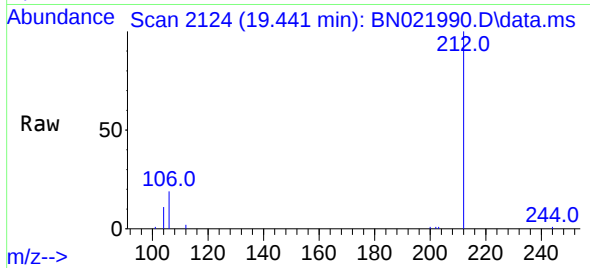
Tgt Ion:178 Resp: 1153
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 14.5 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.441 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

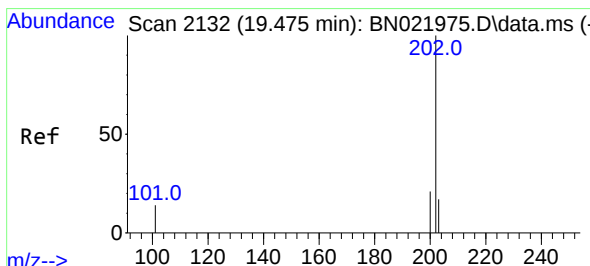
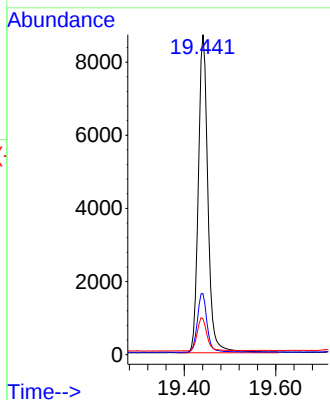
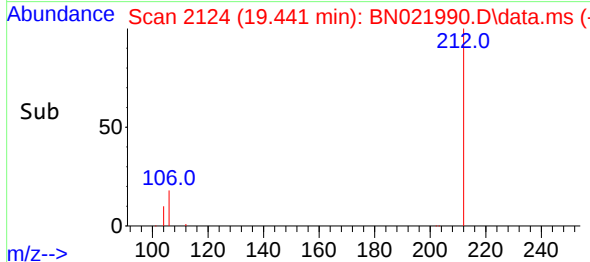
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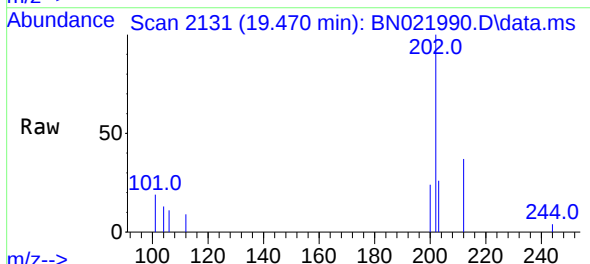
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Ion Ratio Lower Upper
212 100
106 18.7 15.2 22.8
104 10.6 8.6 13.0

Manual Integrations
APPROVED

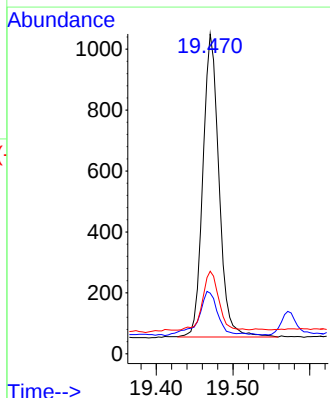
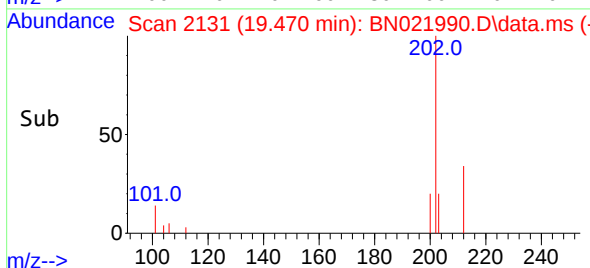
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

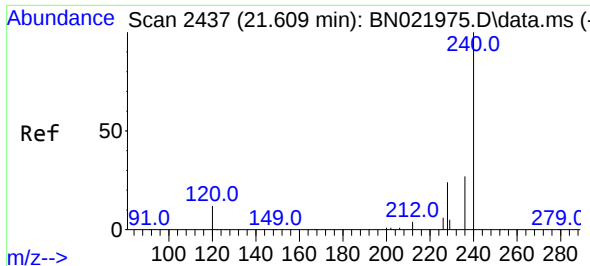


#28
Fluoranthene
Concen: 0.031 ng
RT: 19.470 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10



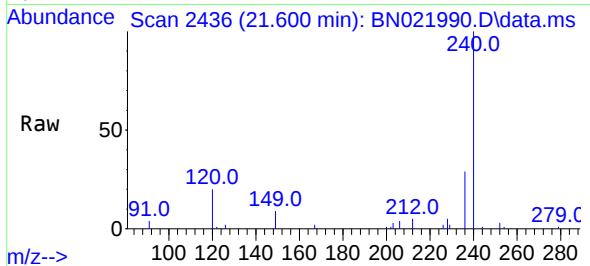
Tgt Ion:202 Resp: 1453
Ion Ratio Lower Upper
202 100
101 17.1 11.4 17.0#
203 20.2 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

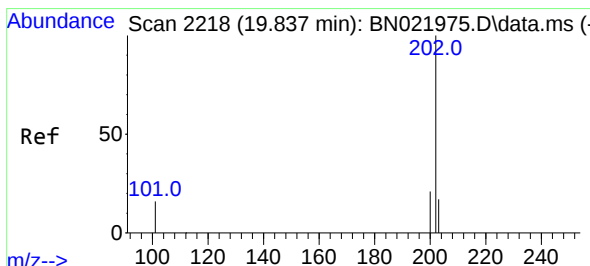
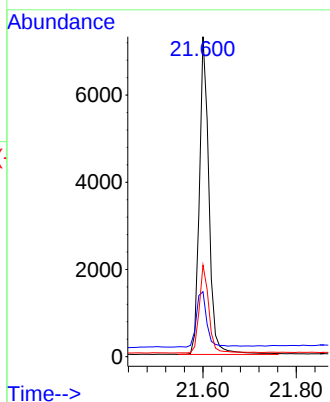
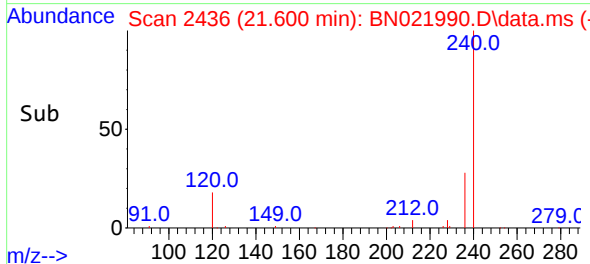
Instrument : BNA_N
ClientSampleId : GWOW-BR-02-140-160-092822



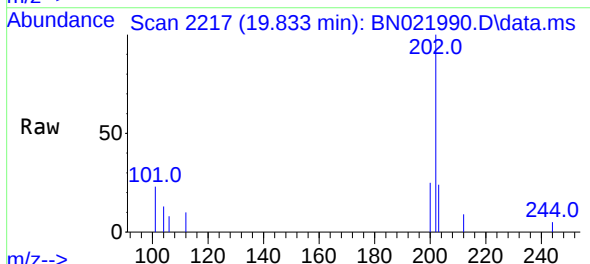
Tgt Ion:240 Resp: 10395
Ion Ratio Lower Upper
240 100
120 20.3 11.8 17.6
236 28.6 22.4 33.6

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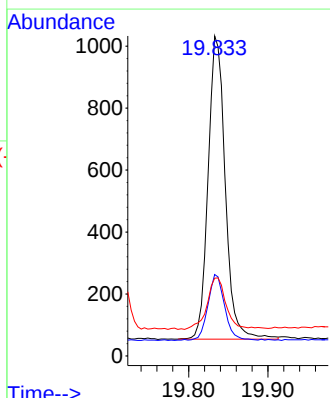
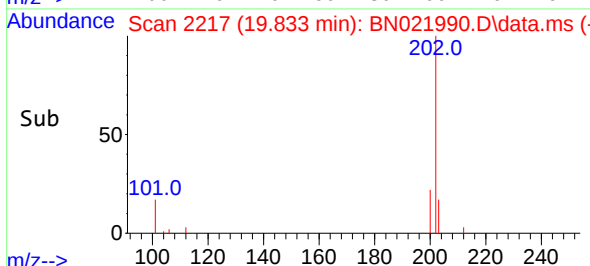
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

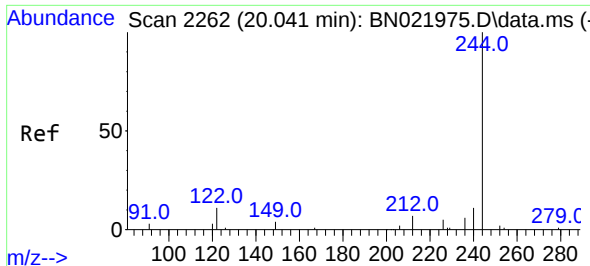


#30
Pyrene
Concen: 0.032 ng
RT: 19.833 min Scan# 2217
Delta R.T. -0.004 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10



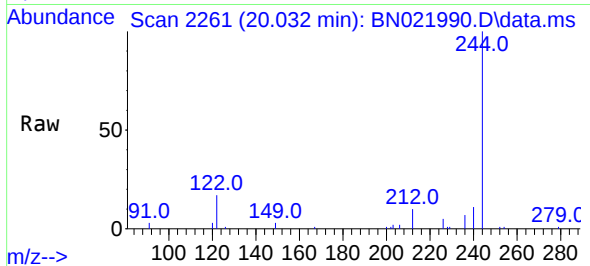
Tgt Ion:202 Resp: 1468
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 18.5 14.1 21.1





#31
Terphenyl-d14
Concen: 0.368 ng
RT: 20.032 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

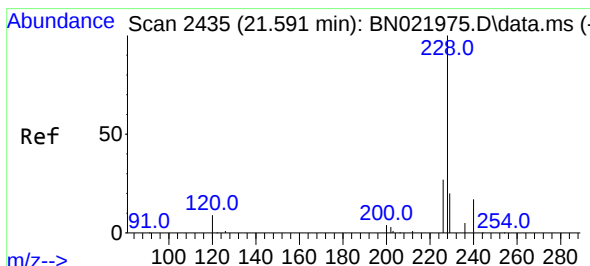
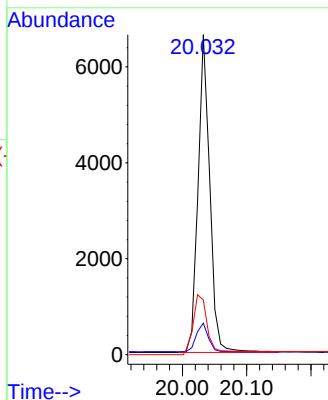
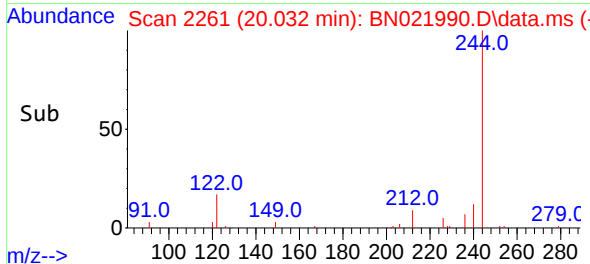
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



Tgt Ion:244 Resp: 7698
Ion Ratio Lower Upper
244 100
212 9.9 6.5 9.7
122 17.1 9.1 13.7

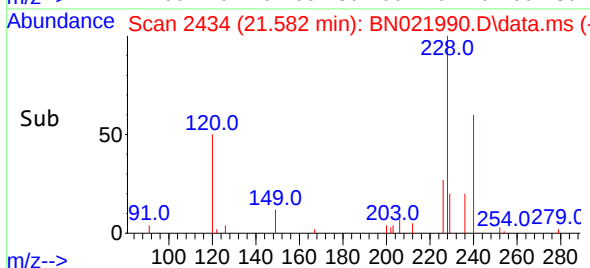
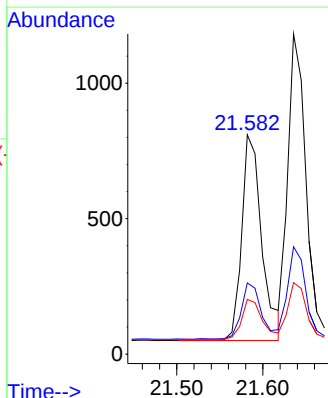
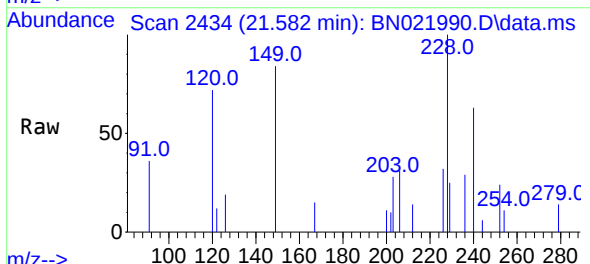
Manual Integrations
APPROVED

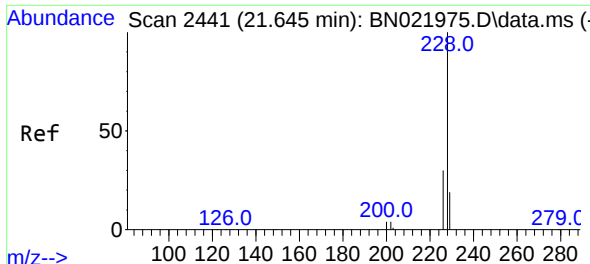
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.582 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

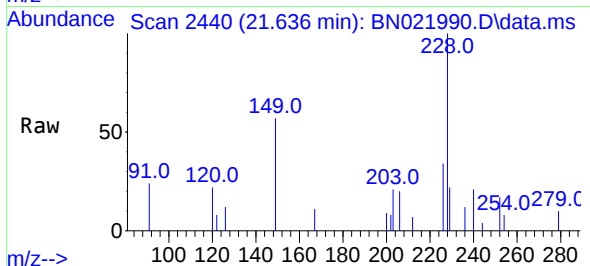
Tgt Ion:228 Resp: 1230
Ion Ratio Lower Upper
228 100
226 32.5 22.2 33.4
229 24.9 16.2 24.2





#33
Chrysene
Concen: 0.038 ng
RT: 21.636 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

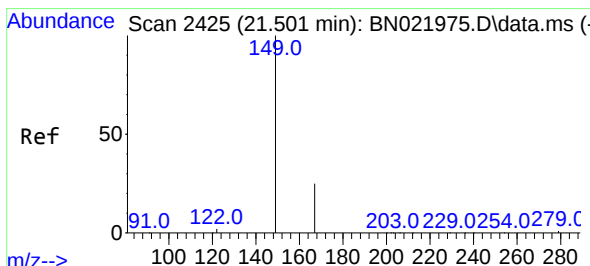
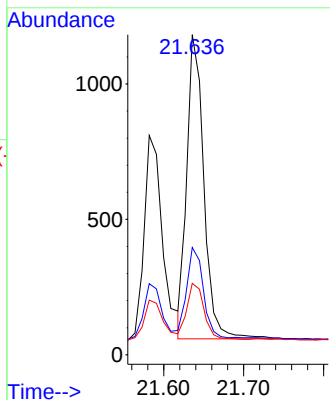
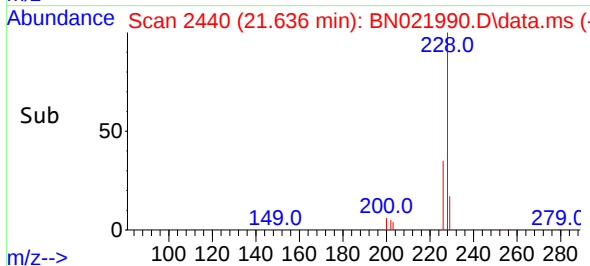
Instrument : BNA_N
ClientSampleId : GWOW-BR-02-140-160-092822



Tgt Ion:228 Resp: 166
Ion Ratio Lower Upper
228 100
226 33.5 24.2 36.2
229 22.3 15.8 23.6

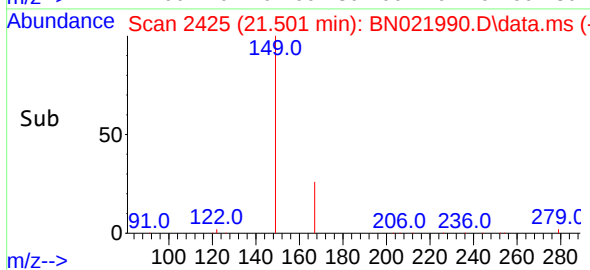
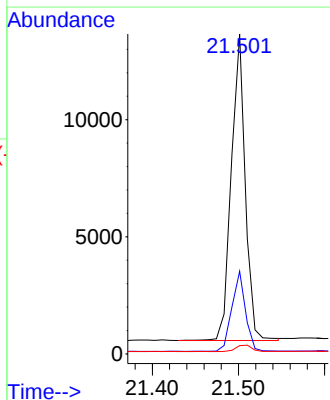
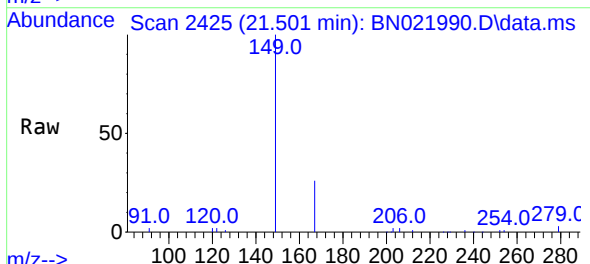
Manual Integrations
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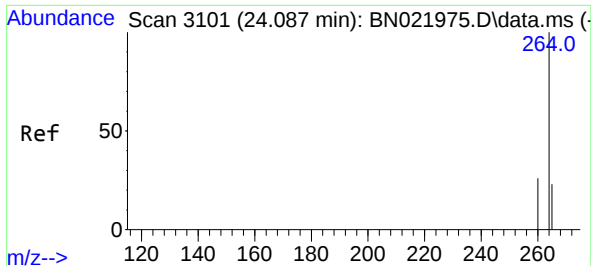
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.784 ng
RT: 21.501 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

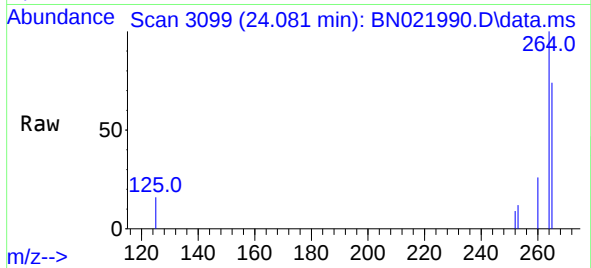
Tgt Ion:149 Resp: 14708
Ion Ratio Lower Upper
149 100
167 25.6 20.2 30.4
279 2.5 2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.081 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

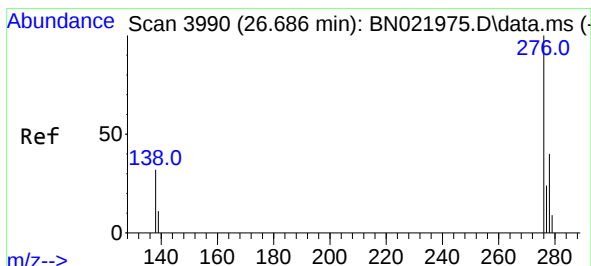
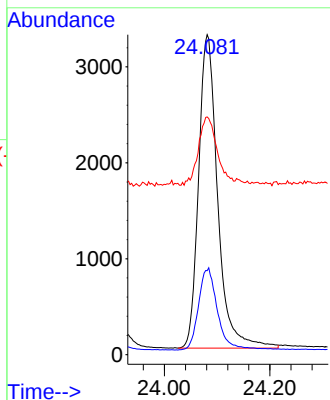
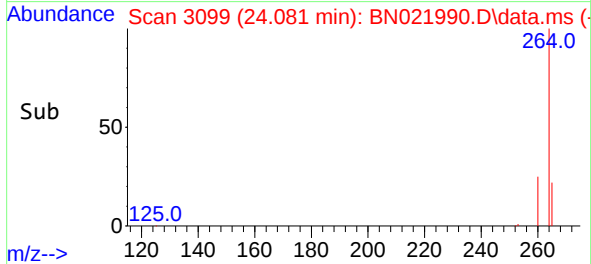
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



Tgt Ion:264 Resp: 819
Ion Ratio Lower Upper
264 100
260 26.3 21.3 31.9
265 74.3 63.0 94.4

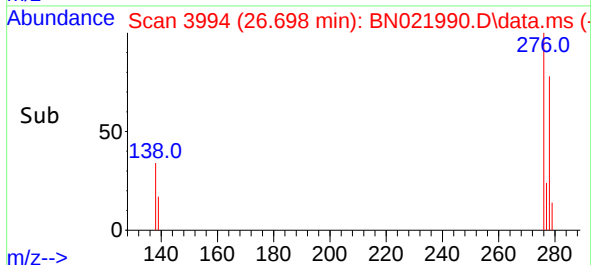
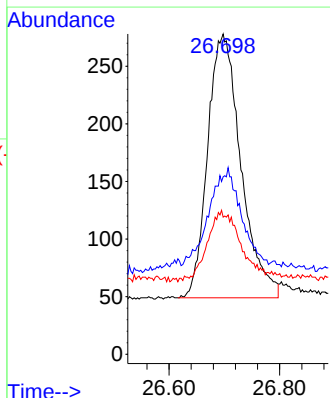
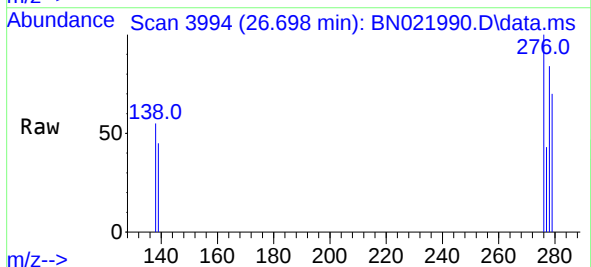
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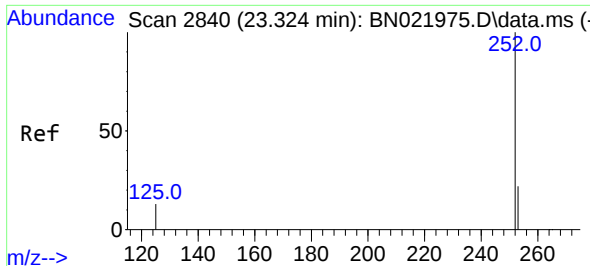
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 26.698 min Scan# 3994
Delta R.T. 0.012 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Tgt Ion:276 Resp: 956
Ion Ratio Lower Upper
276 100
138 36.5 28.0 42.0
277 25.2 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 23.321 min Scan# 2839

Delta R.T. -0.003 min

Lab File: BN021990.D

Acq: 04 Oct 2022 00:10

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-140-160-092822

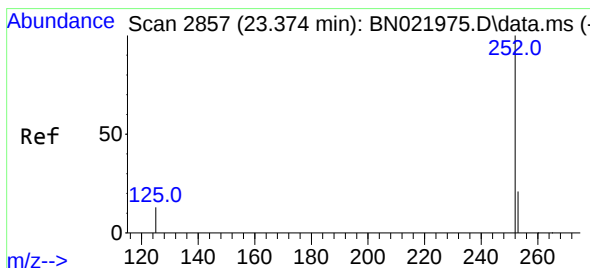
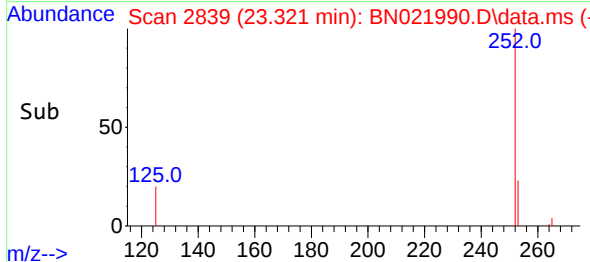
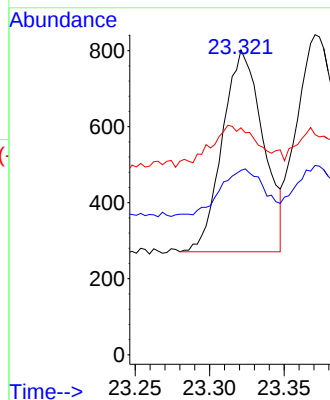
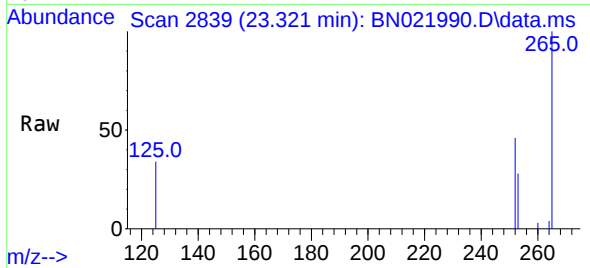
Tgt Ion:252 Resp: 100%

Ion	Ratio	Lower	Upper
252	100		
253	60.5	20.6	31.0
125	74.4	15.6	23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022



#38

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 23.371 min Scan# 2856

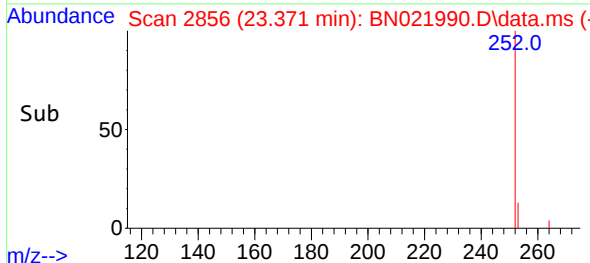
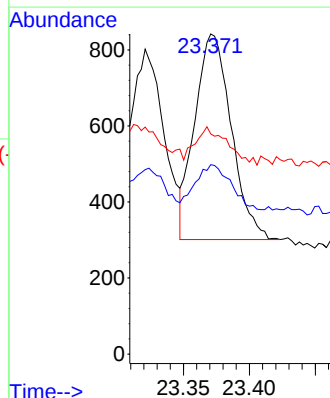
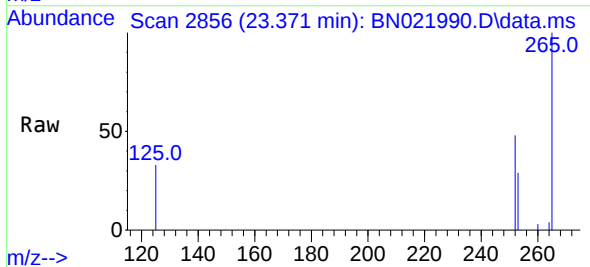
Delta R.T. -0.003 min

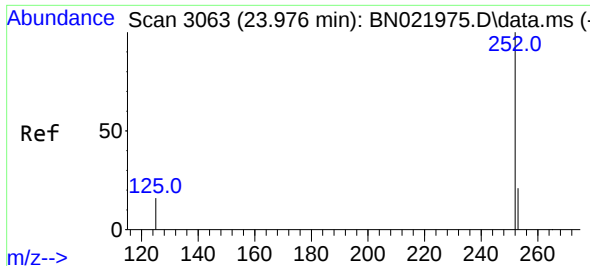
Lab File: BN021990.D

Acq: 04 Oct 2022 00:10

Tgt Ion:252 Resp: 1041

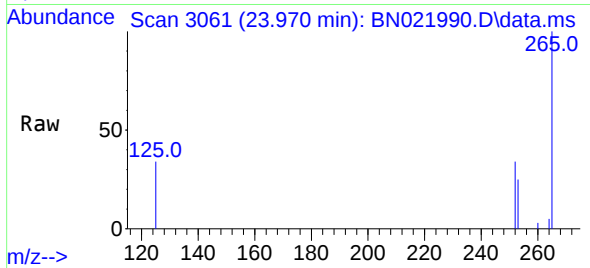
Ion	Ratio	Lower	Upper
252	100		
253	59.1	20.4	30.6
125	68.8	15.8	23.6





#39
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.970 min Scan# 3063
Delta R.T. -0.006 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

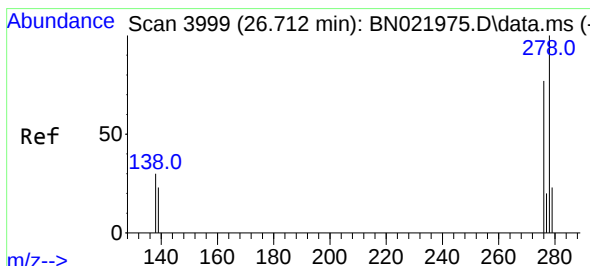
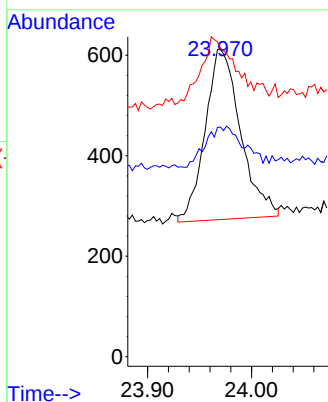
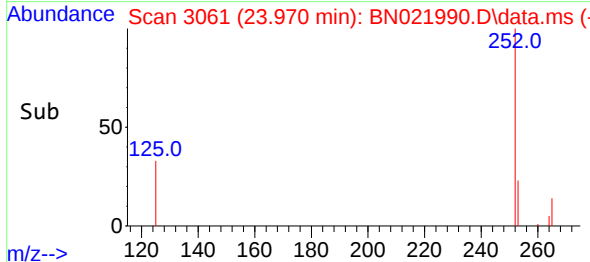
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



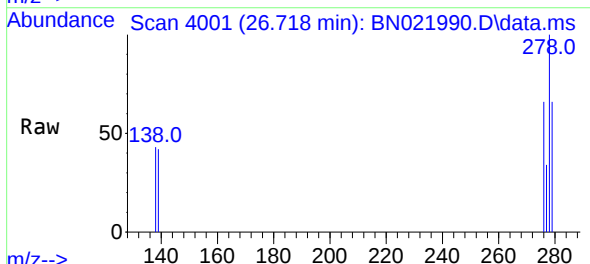
Tgt Ion:252 Resp: 800
Ion Ratio Lower Upper
252 100
253 74.7 23.2 34.8#
125 100.3 21.1 31.7#

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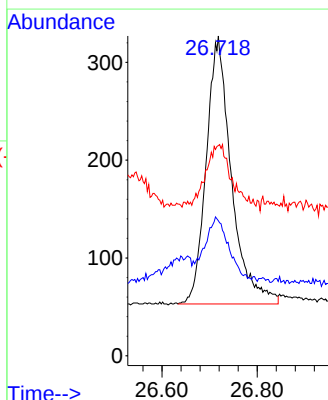
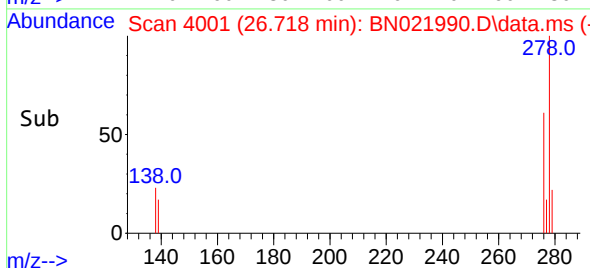
Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

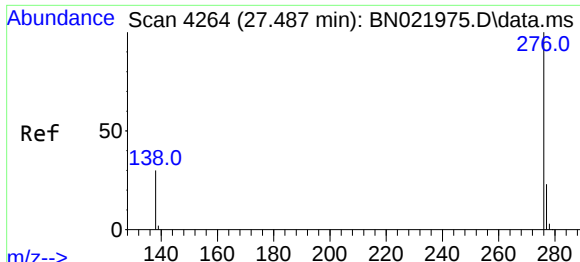


#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 26.718 min Scan# 4001
Delta R.T. 0.006 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10



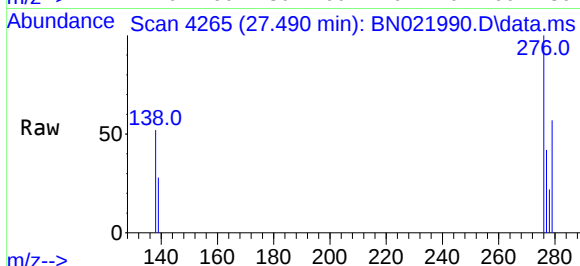
Tgt Ion:278 Resp: 1002
Ion Ratio Lower Upper
278 100
139 42.2 19.9 29.9#
279 65.7 21.9 32.9#





#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.490 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN021990.D
Acq: 04 Oct 2022 00:10

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-140-160-092822



Tgt Ion:276 Resp: 844
Ion Ratio Lower Upper
276 100
277 42.2 20.0 30.0
138 51.9 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

